Standards and Methods Control Document Listings

DOCUMENT IDENTIFIER: A-MN-ELSMDEX-00-0000 Rev P, 10-Oct-1992

ABSTRACT: This document lists Digital standards, EL- and 76-class specifications, and EL-class manuals maintained by Standards and Methods Control. A subject index is included. References to all documents contain the latest version dates for the document. Standards and Methods Control is reaffirming those Digital standards with an expiration date prior to 10-Oct-1992.

APPLICABILITY: This document is to be used to identify documents maintained by Standards and Methods Control. All documents listed in this index can be ordered in hard copy; many documents are available in electronic form and on CDROM. Use VTX SMC to order documents.

STATUS: Approved 10-Oct-1992; use VTX SMC for current status.

Standards and Methods Control Document Listings

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REVISION HISTORY:	Rev H,	15-Jul-1988	ECO Number CTS05
	Rev K,	01-Oct-1989	ECO Number CTS07
	Rev L,	01-Jun-1990	ECO Number CTS08
	Rev M,	04-Jan-1991	ECO Number CTS09
	Rev N,	15-Sep-1991	ECO Number NRO10
	Rev P,	10-Oct-1992	ECO Number NRO11

Document Management Category:	Standards Administration Documentation (TDA)
Responsible Department:	Standards and Methods Control
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APPROVAL: This document has been approved by the manager of Standards and Methods Control.

Jan Litchfield - Manager, Standards and Methods Control

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Use $ VTX ELF for the latest location information.

Use VTX SMC to order copies of this document from Standards and Methods Control. Send distribution questions to JOKUR::SMC or call DTN: 223-3989.

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TABLES

1 INTRODUCTION

Standards and Methods Control (SMC) maintains and publishes this index on a regular basis as required by *DEC STD 001-0 Management of Technical Standards and Related Documentation*. Documents listed in this index can be ordered by accessing VTX SMC or by calling DTN: 223-3989.

SMC is also responsible for ongoing reaffirmation efforts to locate and identify individuals and organizations responsible for keeping the documents valid and current.

1.1 DOCUMENT MANAGEMENT

Digital standards and the related manuals and specifications that are part of the Digital Standards system are not developed, maintained, implemented, or enforced by any one central authority. Instead, each standard or related document specifies its unique maintenance, implementation, and, if necessary, enforcement requirements. This is accomplished by identifying for each document a person and an organization or standing committee that accepts responsibility for the document.

The responsible person is an individual who can provide additional information on the subject and can determine that the document is current and serves its purpose. Where a department, organization, or standing committee has responsibility for implementation and/or maintenance of a standard, that information is also included in the document.

1.2 DISTRIBUTION RESTRICTIONS

Unless otherwise specified on the document, the documents listed herein are classified as **Digital Internal Use Only**. This means that the document is not to be distributed to persons who are not Digital employees unless specified in *DEC STD 001-3 Release of Digital Standards and Related Information to External Sources*.

All documents that are distributed by SMC must contain the appropriate legal notices, such as a copyright notice, proprietary information statement, and so forth, as specified by *DEC STD 128-0 Security Classifications for Engineering Intellectual Property - Policy and Regulations* and *DEC STD 197-0 Legal Requirements and Guidelines for Digital Publications and Software*.

Documents that are listed with the note **Digital Restricted Distribution** or **Digital Confidential** are distributed only in hard copy form to individuals authorized by the person responsible for the document, per *DEC STD 128-0*.

1.3 STATUS AND REVISION NOTATIONS

Typically, each Digital standard is reaffirmed yearly. SMC contacts the owner of each standard to reaffirm the technical accuracy of the document. Once contacted, owners review the document and determine if changes are required, if the expiration date of the standard can be extended, or if the document should be inactivated.

2 SUBJECT INDEX TO SMC DOCUMENTS

Table 1 is a subject index to help identify the corresponding 2-5-2-4 order number, which can then be used with Table 3 to display full document information.

Table 1: Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

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Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Automation Unlimited SIP Inserter	
Maintenance	EL-MF491-02
Operator's Manual	EL-MF491-00
Programming Manual	EL-MF491-01
B	
B04X, Zinc Plate, With Blue Bright Chromate	EL-00092-04-B04X
B05X, Zinc Plate With Yellow Chromate	EL-00092-04-B05X
B06X, Zinc Plate With Yellow Chromate	EL-00092-04-B06X
B07X, Zinc Plate With Yellow Chromate	EL-00092-04-B07X
B08X, Zinc Plate With Clear Chromate	EL-00092-04-B08X
B09X, Bright Cadmium	EL-00092-04-B09X
B20X, Bright Tin Plate (Electroplated)	EL-00092-04-B20X
B21X, Bright Tin-Lead (Electroplated)	EL-00092-04-B21X
B22X, Bright Acid Tin Plate	EL-00092-04-B22X
B30X, Nickel Electroless Plating on Metal Substrates	EL-00092-04-B30X
B35X, Copper and Nickel Electroplating for Metal Substrates	EL-00092-04-B35X
B40X, Copper and Nickel Electroless Plating for Plastic Substrates	EL-00092-04-B40X
B45X, Copper and Nickel Electroplating for Plastic Substrates	EL-00092-04-B45X
B50X, Brass Plating	EL-00092-04-B50X
B55X, Vacuum Deposition of Aluminum Coatings	EL-00092-04-B55X
BA200 Series Module Design Guide	EL-EN551-00
Backplane	
12-Layer TTL Memory	EL-MF394-00
12-Layer TTL Memory (5-Slot)	EL-MF394-01
14-Layer XMI Specification	EL-MF527-00
18-Layer CPU	EL-MF395-00
22-Layer 11-Slot CPU	EL-MF446-01
22-Layer CPU	EL-MF446-00
50/54- and 70-Class Documentation	EL-00140-03
54-Class Documentation	EL-00140-02
Data Requirements	EL-00140-04
DEC STD 140 All Sections	EL-00140-00
ESB Release	EL-00140-07
General Requirements	EL-00140-00
Large Computer Systems	EL-MF401-00
Master Index to DEC STD 140	EL-00140-IN
Production Release	EL-00140-06
Prototype Release	EL-00140-05
Rules and Related Factors	EL-00030-07
Soldering, Printed Circuit	76-65236-00
Bar Code	
Labeling Requirements for FS Logistics	EL-FS047-00
Physical Requirements	EL-00047-01
Symbology	EL-00047-00
Bar Code Print Specification	EL-CP047-01
Bare Board and Module Testability	EL-00030-06
Battery (12-11670 Lead-Acid)	76-65252-00
Battery Charging Means	EL-00119-TM-00E9
Benchmarking	EL-00028-00
Best in Class	EL-00028-00
Bindings	

Table 1 (Cont.): Subject Index to SMC Documents

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Subject	Order Number
GIA EH&S Standard	EL-MF747-00
Chromate	
Clear, Touch-Up Procedures	EL-00092-08-0006
Conversion Coating for Aluminum Alloys	EL-MF170-00
Touch-Up Procedures, Bright Blue	EL-00092-08-0002
Touch-Up Procedures, Chromate,clear	EL-00092-08-0002
Touch-Up Procedures, Zinc Plate	EL-00092-08-0002
Treatment: Inspection Procedure	76-65333-00
Yellow, Touch-Up Procedures	EL-00092-08-0004
	EL-00092-08-0005
Chromicoat and Irridite Finish - Touch-up	76-65022-00
CIGOS (Canadian Interest Group on Open Systems)	
Guide to Technology Standardization	EL-EN765-00
Circuit	
Schematic Requirements, Logic Symbology	EL-00056-00
SELV	EL-00119-TM-00D3
Circuit and Module Producibility, See CAMPA	
CIS (CASE Integration Services)	
Guide to Technology Standardization	EL-EN765-00
Classifications, Security	EL-00128-00
Clean Room	EL-MF404-00
Cleaning Process Contamination, Printed Circuit Boards/Modules	EL-MF299-00
Cleaning System	
Inspection	EL-MF290-00
Purchase, Aqueous	76-65289-00
Cleaning/Testing, Magnetic Tape	EL-MF184-00
CMT Modules, XOR Testing	76-65234-00
CNC Etch Cutting Machine Users Guide	EL-MF391-00
Code Extension Layer, Video Systems	EL-00070-03
Cold Rolled Steel, Iron Phosphate Application	76-65171-00
Color Models, Print Devices	EL-00074-17
Color Standard	EL-00092-00
Common Test Grid, SMT Design Process	EL-EN455-01
Communications and Operations, POM	EL-MF072-00
Competitive	EL-00028-00
Metrics, ADL	EL-MFMPM-04
Positioning	EL-00028-00
Video Specification	EL-MF700-00
Competitive Positioning	EL-00028-00
Component	
Categories and Codes	EL-MF228-00
Hand Assembly, SMT	EL-MF417-02
Legend Specification	EL-MF306-00
Marking, Automated Vision Systems	EL-MF715-00
Placement Design Guidelines	EL-EN306-07
Placement, SMT	EL-MF417-02
Protection During Storage	EL-EN517-00
Qualification, Phase Review	EL-00085-00
Selection, Module Manufacturing	EL-00030-03
Shelf Life	EL-MF542-00
Component Alert (CAL) Procedure	EL-00005-04
Component Engineering	
Fabrication	EL-MF356-08

Table 1 (Cont.): Subject Index to SMC Documents

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Subject	Order Number
Design	
Data Transfer	EL-ENMDB-00
Decision Guidelines	EL-EN435-00
Digital Standards List	EL-00066-00
Drafting Process Standards	EL-SM182-00
Engineering Process Standards	EL-SM007-00
Guide, BA200 Series Modules	EL-EN551-00
Guidelines for Computer Facilities	EL-RECFE-UG
International Products	EL-SM498-00
International Products Office Covers	EL-SM501-00
Manual, Gate Array	EL-MP400-UG
Maturity Test Plan	EL-00036-01-TW00
Maturity Test Specification	76-65268-00-0001
Process for SMT, Release 1.0	EL-EN455-00
Process for SMT, Release 1.5	EL-EN456-00
Process, Surface Mount	EL-EN493-00
Products for Strategic Markets	EL-00066-03
Signal Integrity for CAD	EL-EN505-00
Design and Certification of Hardware	
External Regulations and Requirements	EL-CP060-01
Product Policies and Procedures	EL-00060-00
Product Safety Requirements	EL-00119-05
Design Guidelines	
Artwork Generation	EL-EN306-12
Assembled Component Pads	EL-EN306-06
Component Placement	EL-EN306-07
Conductor Crossover	EL-EN306-02
Multilayer Conductor	EL-EN306-03
Sheet Metal Designer's Handbook	EL-EN725-01
Single Layer Conductor	EL-EN306-01
Solder Paste Application	EL-EN306-11
Substrate Parameters for Thick Film	EL-EN306-08
Substrate Sizing for Thick Film Hybrids	EL-EN306-09
Thick Film Capacitor	EL-EN306-05
Thick Film Hybrid Thermal	EL-EN306-10
Thick Film Resistor	EL-EN306-04
Design Standards	
Handbook, Electrical	EL-SM022-00
Mechanical - Volume 1	EL-SM114-01
Mechanical - Volume 2	EL-SM114-02
Telecommunications Handbook	EL-SM474-00
Desoldering System, Pace	76-65334-00
Deviation Request, Vendor Material	76-65340-00
Diagnostic	
Engineering Change Orders (DECOs) and Patch Orders (DEPOs)	EL-00100-03
Message Interpretation, CAPS	76-65224-00-0006
Procedure for Fluke Model 3200A	EL-MF320-01
Diagnostics Marking	EL-00178-06
Dielectric Strength	EL-00119-TM-00E7
Digital	
Chemical Products	EL-00136-03
Confidential	EL-00128-00

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Data Communications Message Protocol, DNA	EL-00200-10
Design Standards List	EL-00066-00
Design Standards Waivers	EL-00066-02
Developed Applicon Command Extensions	EL-EN317-00
Dictionary, EY-3433E-DP, Order from EDSVAX::MAILPO	
Equipment Corporation Sales Handbook	EL-MF461-00
Ethernet	EL-00134-00
Identification Marking - Introduction	EL-00178-00
Identification Marking Manual	EL-SM178-00
Internal Use Only	EL-00128-00
Marking for Piece Parts	EL-00178-01
Marking for Products to be Sold	EL-00178-03
Module Process - Business Model	EL-MF308-08
Module Process Handbook: Introduction	EL-MF308-00
Organizations, Internal Guide	EL-ENGRS-OM
Part and Document Identification	EL-SM012-00
Policy on Government-Regulated Materials	EL-00136-01
Product Safety Handbook	EL-00424-00
Publishing Policies and Procedures	EL-CP706-00
Quality System	EL-MF206-00
Release of Standards Outside Digital	EL-00001-03
Repair Process	EL-SM265-00
Restricted Distribution	EL-00128-00
Security classifications	EL-00128-00
Standard Data Definitions	EL-00065-00
Standards and Technical Publications	EL-SMBRO-00
Standards Microfiche, DEC STDs	EL-FICHE-00
Standards Poster, SMC	EL-EN203-PO
Standards, Video Products Deviation	EL-MF700-00
Trademarks List Handbook	EL-00490-01
Translations for Marking	EL-00178-07
Digital Idle Assets Listing System (DIAL)	
DIAL VTX System Enhancements - Functional Specification	EL-CP763-00
Digital Network Architecture	
CSMA/CD Ethernet LAN	EL-SMLAN-00
DDCMP	EL-00200-10
Ethernet Data Link	EL-00200-11
Ethernet Node	EL-00200-03
Maintenance Operations	EL-00200-01
Network Management	EL-00200-02
NSP Specification	EL-00200-04
Process Specification Procedure	EL-00200-00
Routing Layer	EL-00200-05
Session Control	EL-00200-07
Digital Program Methodology (DPM)	
Environment and Processes	EL-CP702-00
Formal Management Directives (FMD)	EL-CPFMD-00
Life Cycle	EL-CP701-00
Digital Standard for Terminal Keyboards	
LK201 Character Sets	EL-00107-02
Manual	EL-SM107-00
Registry of Graphic Character Sets	EL-00107-01
Standard Keyboard Layouts	EL-00107-00

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Digital-Approved Finish Specifications	
Air Dry	EL-00092-04-A20X
Air Dry Paint (Fine Texture) for Plastic Substrate	EL-00092-04-A39X
Air Dry Paint (Smooth) for Plastic Substrates	EL-00092-04-A44X
Air Dry Paint (Texture) for Plastic Substrate	EL-00092-04-A38X
Anodizing (Chromic Acid)	EL-00092-04-C36X
Anodizing (Sulphuric Acid)	EL-00092-04-C35X
Black Anodizing (Aluminum Parts)	EL-00092-04-C38X
Black Conductive Nickel Paint (EKS 210X)	EL-00092-04-A65X
Black Conductive Nickel Paint (Metal Substrates)	EL-00092-04-A70X
Black Oxide Quality Level 5	EL-00092-04-C50X
Brass Plating	EL-00092-04-B50X
Bright Acid Tin Plate	EL-00092-04-B22X
Bright Cadmium Plate Quality Level 5	EL-00092-04-B09X
Bright Tin Plate (Electroplated)	EL-00092-04-B20X
Bright Tin-Lead (Electroplated)	EL-00092-04-B21X
Chromate Clear Quality Level 5	EL-00092-04-C21X
Chromate Conversion Coating on Aluminum	EL-00092-04-C22X
Chromate Conversion Coating on Aluminum (Yellow)	EL-00092-04-C20X
Clear Hard Coat Finish Quality Level 2	EL-00092-04-A17X
Copper Acrylic Conductive Paint	EL-00092-04-A66X
Copper and Nickel Electroplating for Metal Substrates	EL-00092-04-B35X
Copper and Nickel Electroplating for Plastic Substrates	EL-00092-04-B45X
Electroless Copper/Nickel Plating	EL-00092-04-B40X
Epoxy Powder Coating (Black) Quality Level 4	EL-00092-04-A45X
Epoxy Powder Coating (Farboil IE-3466-2)	EL-00092-04-A47X
Epoxy Powder Coating (Low Gloss Black)	EL-00092-04-A48X
Fine Texture Paint Finish for Plastic and Metal Substrates	EL-00092-04-A42X
Marking Paint Finish Quality Level 2	EL-00092-04-A16X
Molded in Plastic Texture/DEC 1013 Fine	EL-00092-04-D20X
Molded in Plastic Texture/DEC 1013 Medium	EL-00092-04-D21X
Molded in Plastic Texture/DEC 1055 Fine	EL-00092-04-D23X
Molded in Plastic Texture/DEC 1055 Medium	EL-00092-04-D24X
Molded in Plastic Texture/DEC 1146 Coarse	EL-00092-04-D22X
Molded in Plastic Texture/DEC 2019	EL-00092-04-D25X
Molded in Plastic Texture/DEC 7015	EL-00092-04-D26X
Multicolor Air Dry Paint for Plastic Substrates	EL-00092-04-A20X
Multicolor Paint for Plastic Substrates	EL-00092-04-A21X
Nickel Electroless Plating on Metal Substrates	EL-00092-04-B30X
Nylon Coating Quality Level 5	EL-00092-04-A46X
One-Coat Conversion Coating for Non-Ferrous Casting	EL-00092-04-C28X
Paint Finish (Smooth) on Plastic Substrate	EL-00092-04-A43X
Passivate for Stainless Steel	EL-00092-04-C60X
Plastic Substrates	EL-00092-04-A20X
	EL-00092-04-A21X
Screen/Pad Marking	EL-00092-04-A18X
Smooth Paint Finish Quality Level 2	EL-00092-04-A10X
Smooth Paint Finish Quality Level 3	EL-00092-04-A11X
Smooth Paint Finish Quality Level 5	EL-00092-04-A12X
SPI/SPE #1 Plastic Mold Finish	EL-00092-04-D01X
SPI/SPE #2 Plastic Mold Finish	EL-00092-04-D02X
SPI/SPE #3 Plastic Mold Finish	EL-00092-04-D03X
SPI/SPE #4 Plastic Mold Finish	EL-00092-04-D04X

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SPI/SPE #5 Plastic Mold Finish	EL-00092-04-D05X
SPI/SPE #6 Plastic Mold Finish	EL-00092-04-D06X
Surface Preparation Finish	EL-00092-04-A40X
Surface Preparation for Painting	EL-00092-04-C25X
Texture Paint Finish for Plastic Covers	EL-00092-04-A41X
Texture Paint Finish Quality Level 4 (Castings)	EL-00092-04-A13X
Texture Paint Finish Quality Level 4 (Metal Parts)	EL-00092-04-A15X
Texture Paint Finish Quality Level 5	EL-00092-04-A14X
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Vacuum Deposition of Aluminum Coatings	EL-00092-04-B55X
Zinc Plate With Clear Chromate (.0002 in.)	EL-00092-04-B08X
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Finish and Color Standard	EL-00092-06
Digital-Approved Paint Supplier Specification	
Acheson Colloids Company	EL-00092-06-0015
Acme Chemicals and Insulation Company	EL-00092-06-0014
Diamond Vogel Komac Paint, Inc.	EL-00092-06-0006
Duralac Chemical Corporation	EL-00092-06-0003
E/M Corporation	EL-00092-06-0017
Eternal Chemical Co., Ltd.	EL-00092-06-0020
Farboil Company	EL-00092-06-0004
FSW Coatings LTD.	EL-00092-06-0002
Glidden Coatings and Resins	EL-00092-06-0005
Graham Magnetics Incorporated	EL-00092-06-0016
John L. Armitage and Company	EL-00092-06-0001
Lilly Industrial Coatings, Inc.	EL-00092-06-0013
Morton International	EL-00092-06-0008
Morton International Bee Chemical Company	EL-00092-06-0018
Randolph Products Company	EL-00092-06-0009
Schaepman's Lakfabrieken B.V.	EL-00092-06-0012
Sherwin-Williams Company	EL-00092-06-0010
Trimite Limited	EL-00092-06-0011
Digital/DI-ACRO 24 Inch Module Hand Shear	76-65301-00
Dimensioning	EL-00114-01
DIN (Deutsches Institut für Normung e.V.)	
Guide to Technology Standardization	EL-EN765-00
Diode (DIP) Replacement	76-65035-00
Diode Test Forward Recovery Setup	76-65065-00
DIP Inserter	
General Operator's Manual	EL-MFDIP-OP-GEN3
Model 6772 Operator's Manual	EL-MF448-00
Model 6796 Uni-Module Maintenance	EL-MF444-00
Model HPDI-F Operator's Manual, DYNA/PERT	EL-MF411-00
Model HPDI-F Parts and Acceptance	EL-MF458-00
Model No. 6796 Parts and Acceptance	EL-MF440-00
Multi-Module Maintenance	EL-MFDIP-00
Satellite Uni-Module Manual	EL-MF484-00

Table 1 (Cont.): Subject Index to SMC Documents

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Table 1 (Cont.): Subject Index to SMC Documents

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Subject	Order Number
Computer Output	EL-00013-03
Introduction	EL-00013-00
PC Mats	EL-00013-05
Pre-Printed	EL-00013-04
Sizes	EL-00013-01
Special Pre-printed	EL-00013-02
Engineering Drawing Requirements	
Dimensioning and Tolerancing	EL-00114-01
Engineering and Manufacturing Standards	EL-00114-00
Engineering Facilities, ESD Prevention	EL-00067-01
Engineering Handbook, PC Board	EL-ENPCB-00
Engineering Intellectual Property, Security	EL-00128-00
Engineering Manual	EL-EN571-00
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Format Procedure for Writing	76-65287-00
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Releases To	EL-CP771-00
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Accident Investigation, GIA Standard	EL-MF737-00
Chemical Safety, GIA Standard	EL-MF747-00
Construction Contractor Safety	EL-MF748-00
Corporate	EL-CP771-00
Cumulative Trauma Disorder, GIA Standard	EL-MF741-00
Cyanide Safety	EL-MF752-00
Electrical Safety, GIA Standard	EL-MF740-00
Emergency Response Plan, GIA Standard	EL-MF743-00
Employee Right-To-Know, GIA Standard	EL-MF745-00
Eye Protection, GIA Standard	EL-MF742-00
Industrial Hygiene Program Elements	EL-MF751-00
Lockout/Tagout of Energy Sources, GIA Standard	EL-MF744-00
Policies and Standards Manual, GIA	EL-SM407-00
Program Elements, GIA Standard	EL-MF746-00
Program Evaluation, GIA Standard	EL-MF739-00
Working Alone, GIA Standard	EL-MF738-00
Environmental Standard	
Computers and Peripherals	EL-00102-00
Mechanical Shock and Vibration	EL-00102-02
Physical Stability	EL-00102-03
Product Acoustic Noise	EL-00102-04
Temperature, Humidity, and Altitude	EL-00102-01
EPLS User's Manual	EL-ENEPL-UG
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Configuration Files On Global Assembly	EL-MFMPM-08

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Plan, Global	EL-MFMPM-01
Released from Z Stock	76-65342-00
Starting, Test Method	EL-00119-TM-00E1
Equivalent Series Resistance	EL-CE059-TM-04LC
Ergonomics	
Human Factors Design Criteria	EL-00105-00
Human Factors Design Guidelines	EL-00105-02
Legal Status of Standards	EL-00105-01
ERICA, See Electronic Retrieval of Image and Computer-Aided Design Architecture	
Error Logging Standard	EL-00153-00
ESB, See Engineering-Supervised Build	
Escape Sequences, Registry	EL-00138-00
ESD Protective Packaging Materials	EL-MF067-00
ESD, See Electrostatic Discharge	
Etch	
Cutting Machine Users Guide, CNC	EL-MF391-00
Repair Procedures	EL-MF362-00
Etch Cutter Operator's Manual, Automated	EL-MF422-00
Ethernet	
Data Link, DNA	EL-00200-11
Digital	EL-00134-00
DNA Product Architecture	EL-00200-03
ETIS (European Telecommunications Informatics Service)	
Guide to Technology Standardization	EL-EN765-00
ETSI (European Telecommunications Standards Institute)	
EurOpen (European Forum for Open Systems)	
Evacuation	
Procedures	EL-CP771-00
EWOS (European Workshop on Open Systems)	
Guide to Technology Standardization	EL-EN765-00
Excellon MC-30 Assembler Reference Manual	EL-MF304-00
Excitation Current	EL-CE059-TM-04TE
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Export Commodities, U.S. Applications	EL-EN428-00
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Retaining Hardware and Fasteners	EL-00116-05

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Product Safety Manual	EL-FS132-00
Product Safety Policies	EL-00132-00
Reporting of Safety Incidents	EL-00132-01
Reporting Products Non-Compliant with Digital Standards	EL-00005-02
File	
Format, Multiplot	EL-EN375-00
Specification, Archive Data Structure	EL-EN432-00
UNIGRAPHICS, File Naming	EL-00096-00
Fine Pitch	
Design Rules, SMT	EL-MF417-02
Process and Equipment, SMT	EL-MF417-02
Process Guide, SMT	EL-MF417-02
Repair and ECO, SMT	EL-MF417-02
Finish and Color Standard	
Applications	EL-00092-01
Approved Finish Specifications - Complete Set	EL-00092-04-A000
Approved Finish Specifications - List	EL-00092-04
Digital Approved Paint Suppliers - Complete Set	EL-00092-06
Digital Color List	EL-00092-05
Digital-Approved Paint Specifications - Complete Set	EL-00092-06-A000
Introduction	EL-00092-00
Manual	EL-SM092-00
Material Standard for Suppliers	EL-00092-02
Material Test	EL-00092-03
Plastic Color	EL-00092-07
Repair Of	EL-00092-08
Finish Specifications	
Air Dry Paint (Fine Texture) for Plastic Substrate	EL-00092-04-A39X
Air Dry Paint (Smooth) for Plastic Substrates	EL-00092-04-A44X
Air Dry Paint (Texture) for Plastic Substrate	EL-00092-04-A38X
Anodizing (Chromic Acid)	EL-00092-04-C36X
Anodizing (Sulphuric Acid)	EL-00092-04-C35X
Black Anodizing (Aluminum Parts)	EL-00092-04-C38X
Black Conductive Nickel Paint (EKS 210X)	EL-00092-04-A65X
Black Conductive Nickel Paint (Metal Substrates)	EL-00092-04-A70X
Black Oxide Quality Level 5	EL-00092-04-C50X
Brass Plating	EL-00092-04-B50X
Bright Acid Tin Plate	EL-00092-04-B22X
Bright Cadmium Plate Quality Level 5	EL-00092-04-B09X
Bright Tin Plate (Electroplated)	EL-00092-04-B20X
Bright Tin-Lead (Electroplated)	EL-00092-04-B21X
Chromate Clear Quality Level 5	EL-00092-04-C21X
Chromate Conversion Coating on Aluminum	EL-00092-04-C22X
Chromate Conversion Coating on Aluminum (Yellow)	EL-00092-04-C20X
Clear Hard Coat Finish Quality Level 2	EL-00092-04-A17X
Copper Acrylic Conductive Paint	EL-00092-04-A66X
Copper and Nickel Electroplating for Metal Substrates	EL-00092-04-B35X
Copper and Nickel Electroplating for Plastic Substrates	EL-00092-04-B45X
Electroless Copper/Nickel Plating	EL-00092-04-B40X
Epoxy Powder Coating (Black) Quality Level 4	EL-00092-04-A45X
Epoxy Powder Coating (Farboil IE-3466-2)	EL-00092-04-A47X
Epoxy Powder Coating (Low Gloss Black)	EL-00092-04-A48X
Fine Texture Paint Finish for Plastic and Metal Substrates	EL-00092-04-A42X

Table 1 (Cont.): Subject Index to SMC Documents

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Marking Paint Finish Quality Level 2	EL-00092-04-A16X
Molded in Plastic Texture/DEC 1013 Fine	EL-00092-04-D20X
Molded in Plastic Texture/DEC 1013 Medium	EL-00092-04-D21X
Molded in Plastic Texture/DEC 1055 Fine	EL-00092-04-D23X
Molded in Plastic Texture/DEC 1055 Medium	EL-00092-04-D24X
Molded in Plastic Texture/DEC 1146 Coarse	EL-00092-04-D22X
Molded in Plastic Texture/DEC 2019	EL-00092-04-D25X
Molded in Plastic Texture/DEC 7015	EL-00092-04-D26X
Nickel Electroless Plating on Metal Substrates	EL-00092-04-B30X
Nylon Coating Quality Level 5	EL-00092-04-A46X
One-Coat Conversion Coating for Non-Ferrous Casting	EL-00092-04-C28X
Paint Finish (Smooth) on Plastic Substrate	EL-00092-04-A43X
Passivate for Stainless Steel	EL-00092-04-C60X
Screen/Pad Marking	EL-00092-04-A18X
Smooth Paint Finish Quality Level 2	EL-00092-04-A10X
Smooth Paint Finish Quality Level 3	EL-00092-04-A11X
Smooth Paint Finish Quality Level 5	EL-00092-04-A12X
SPI/SPE #1 Plastic Mold Finish	EL-00092-04-D01X
SPI/SPE #2 Plastic Mold Finish	EL-00092-04-D02X
SPI/SPE #3 Plastic Mold Finish	EL-00092-04-D03X
SPI/SPE #4 Plastic Mold Finish	EL-00092-04-D04X
SPI/SPE #5 Plastic Mold Finish	EL-00092-04-D05X
SPI/SPE #6 Plastic Mold Finish	EL-00092-04-D06X
Surface Preparation Finish	EL-00092-04-A40X
Surface Preparation for Painting	EL-00092-04-C25X
Texture Paint Finish for Plastic Covers	EL-00092-04-A41X
Texture Paint Finish Quality Level 4 (Castings)	EL-00092-04-A13X
Texture Paint Finish Quality Level 4 (Metal Parts)	EL-00092-04-A15X
Texture Paint Finish Quality Level 5	EL-00092-04-A14X
Urethane Coatings for Magnets	EL-00092-04-A60X
Vacuum Deposition of Aluminum Coatings	EL-00092-04-B55X
Zinc Plate With Clear Chromate (.0002 in.)	EL-00092-04-B08X
Zinc Plate With Yellow Chromate (.0002 in.)	EL-00092-04-B05X
Zinc Plate With Yellow Chromate (.0005 in.)	EL-00092-04-B06X
Zinc Plate With Yellow Chromate (.00075 in.)	EL-00092-04-B07X
Zinc Plate, with Blue Bright Chromate	EL-00092-04-B04X
Fire	
Investigation	EL-CP771-00
Fire Testing, Corrugated Containers	EL-CE507-00
Fixed Assets	
Disposition and Reclamation of Inventory and Fixed Assets	EL-CP758-02
Fixed Head .01 Axial Lead	
Insertion Operation	76-65285-00
Machine Adjustments and Maintenance	76-65286-00
Fixture/Test Probe/Component Clearance Detail	EL-EN487-03
Fixtures Used in Fabrication Shops	76-65060-00
Flammability	
Corrugated Containers	EL-CE507-00
Plastics	EL-CE059-TM-002N
Product Safety	EL-00119-TM-0D14
Flexible Assembly Workstation	EL-MF724-00
Flip Chip Vibration Test	76-65057-00
Floppy Disk (RX01) Volume	EL-00154-00

Table 1 (Cont.): Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Hall Effect and Speed	EL-CE059-TM-05AI
Hand Shear, Digital/DI-ACRO 24 Inch Module	76-65301-00
Handbook	
Digital Module Process	EL-MF308-00
Symbology	EL-EN304-00
Handles and Knobs	EL-00119-TM-0N11
Hardware	
Assembly Standard - QC	76-65099-00
Coded Graphic Character Sets	EL-00169-00
Coded Graphic Character Sets, Introduction	EL-00169-01
Content Standard	EL-00003-00
Design, (EMC)	EL-00103-00
ECO Form Procedure	EL-EN100-1B
ECO, Standard	EL-00100-01
Installation Manuals	EL-00042-00
International Products Design	EL-SM498-00
Manuals: Content and Format of Covers	EL-00073-00
Reliability Program	EL-MF009-00
Systems Evaluation of New Products	EL-00038-02
Hardware Products	
Digital, Safety Test Procedures	EL-00119-02
National and International Regulations	EL-00060-00
Non-Compliant With Digital Standards	EL-00005-02
Safety Requirements	EL-00119-05
Harness and Cable, Identification Labels	EL-MF343-00
HART 100 Rework System	EL-MF412-00
Hart 200 Rework System	EL-MF434-00
Hazard (Infancy) Analysis	EL-EN036-04
Hazardous Materials	EL-00136-02
Hazardous Materials/Dangerous Goods	EL-CP771-00 EL-CP534-00
HD Plus	
HD Plus Connectors: Manufacturing Assembly Criteria	EL-MF734-00
Head Count Models, Module Study	EL-MFMPM-11
Health Services	
Corporate	EL-CP771-00
Trauma Intervention	EL-CP771-00
Health, Safety, and Environmental, SMT	EL-MF417-01
Hi-Pot Testing	EL-MF277-00
Compliance Checklist	EL-MF277-01
High Bake Waterborne Coatings	EL-MF092-00
High Performance Workstations, Module Assembly	EL-MF576-00
High Speed Multi-Mod II DIP Inserter	EL-MF430-00
Hollis Astra 400	
Installation, Operation, and Maintenance	EL-MF400-00
Parts and Acceptance	76-65379-00
Specification	76-65295-00
Hollis Polyclean II	
Acceptance	EL-MF423-02
Installation and Operation	EL-MF423-01
Maintenance	EL-MF423-00
Hollis TDC-16A Wave Soldering System	76-65158-00

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Performance Data Collection	76-65278-00
Magnetic Tape	
Cleaning/Testing	EL-MF184-00
Error Recovery	EL-00174-00
User's Guide	EL-ENMTP-UG
Maintenance Operations, DNA	EL-00200-01
Management of Technical Standards	EL-00001-00 EL-X0001-00
Manual Covers: Content and Format	EL-00073-00
Manuals, Front and Back Pages	EL-00146-00
Manufacturing	EL-MF453-00 EL-00028-00
Acceptance	EL-MF311-00
Administration, Product Phase Down	EL-MF028-00
Control Part Numbering	EL-00012-05
Data Base (MDB) Creation	EL-MF447-00
Data Base File Specification	EL-ENMDB-00
Data Base Post-Processing	EL-MF447-01
Deviations from Standards for Manufacture of Products in the Hong Kong Plant	EL-MF758-00
Deviations from Standards for Manufacture of Products in the Taiwan Plant	EL-MF700-01
Deviations from Standards for Manufacture of Video Products in Taiwan Plant	EL-MF700-00
Finance Phase Review	EL-MF356-01
Operations Plan	EL-00101-00
Part Number System	EL-MF012-05-USER
PC Board Handbook - Volume 1	EL-MFPCB-01
PC Board Handbook - Volume 2	EL-MFPCB-02
PC Board Handbook - Volume 3	EL-MFPCB-03
Phase Down	EL-MF540-00
Plant and Process Qualification	EL-SM478-00
Plant Operations Standards	EL-SM479-00
Preinvestigation of Safety Incidents	EL-00005-05
Process Standards	EL-SM477-00
Product and Process Transfer Checklist	EL-MF546-00
Publication Design	EL-00073-00
Reporting Products Non-Compliant with Digital Standards	EL-00005-02
Sheet Metal	EL-EN727-01
Subcontracts Management Policy	EL-MF416-00
Systems Assessment (MSA) - Checklist	EL-MF520-02
Test Process, SMT	EL-MF417-02
Testing of X-Radiation - W. Germany	EL-MF119-02
Waiver Policy	EL-MF005-00
Manufacturing Data Requirements	EL-00140-04
Manufacturing Order Administration	
Phase Review Guidelines	EL-MF356-05
Manufacturing Plant Documentation (MPD)	
Central File	EL-MF115-00
Identification and Control	EL-00115-00
Videotape	EL-MF115-UG
Manufacturing Standard	
DP01-A Cable Assembly	76-65032-00

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Metrics	
DL (Direct Labor)	EL-MFMPM-06
FY'77 - FY'80	EL-MFMPM-07
Microfiche, DEC STDs	EL-FICHE-00
Microfilm Aperture Cards	
Creation and Distribution	EL-00033-00
Microfilm Reference Library Setup and Maintenance Procedures	EL-00033-02
Requirements	EL-00033-01
Microfilm Reference Library	
Microfilm Aperture Cards, Requirements	EL-00033-01
Setup and Maintenance Procedures	EL-00033-02
Micrographics	
Format and Quality	EL-00162-00
Microfilm Reference Library Setup and Maintenance Procedures	EL-00033-02
Military Stds: Contact Naval Pubs, 215-697-3321	
Miniature and Subminiature Incandescent Lamps	76-65251-00
MIS	
Guide to Technology Standardization	EL-EN765-00
Mnemonic Drawing Codes, Unified Numbering Code	EL-00012-01
Model 6287 VCD Inserter	EL-MF452-00
Model 6772 DIP Inserter	EL-MF448-00
Model 6796 DIP Inserter	
Maintenance	EL-MF444-00
Parts and Acceptance	EL-MF440-00
Modification	
Quality Management and Quality Assurance Standards (ISO 9000)	EL-EX756-00
Module	
54-Class Documentation	EL-00140-02
All Copper Implementation Plan	EL-MF733-00
Assembly and Component Insertion	EL-00030-05
Assembly and Test Labor Standards	EL-MF030-UG
BA200 Series, Design Guide	EL-EN551-00
Build Analysis System	EL-MFMPM-02
Cleaning, SMT	EL-MF417-02
Data Requirements	EL-00140-04
DEC STD 140 All Sections	EL-00140-00
ESB Release	EL-00140-07
General Requirements	EL-00140-00
Head Count Models	EL-MFMPM-11
Inspection Gages	76-65042-00
Master Index to DEC STD 140	EL-00140-IN
Process Development Qualification	EL-MF596-00
Process Management, Training Tape	EL-MFMPM-09
Production Release	EL-00140-06
Program Generation, GR1792A	76-65224-00-0004
Prototype Release	EL-00140-05
Repair	76-65193-00
Repair Area	76-65224-00-0007
Rework and Repair	EL-00265-00
Rework System - Process Operator	76-65330-00

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Subject	Order Number
Gramham Magnetics Incorporated	EL-00092-06-0016
John L. Armitage and Company	EL-00092-06-0001
Lilly Industrial Coatings, Inc.	EL-00092-06-0013
Morton International	EL-00092-06-0008
Morton International Bee Chemical Company	EL-00092-06-0018
Randolph Products Company	EL-00092-06-0009
Schaepman's Lakfabrieken B.V.	EL-00092-06-0012
Sherwin-Williams Company	EL-00092-06-0010
Trimite Limited	EL-00092-06-0011
Paints	
Repair of Finish	EL-00092-08
Touch-Up for Air Dry and Aerosol Paints	76-65303-00
PAL Release Process	EL-00184-00
Part Identification Standard	EL-00012-00
Part Identifiers	
Class Codes	EL-00012-02
Manufacturing Control Numbering	EL-00012-05
Standards Manual	EL-SM012-00
Part Number Request Form, Question "C"	EL-CE059-0P-PNRF
Parts Lists	EL-00025-00
Patch Orders (DEPOs), Diagnostic	EL-00100-03
PAVES Instructions, Form (81-110-31)	76-65314-00
PC Board Manufacturing Handbook	
Volume 1	EL-MFPCB-01
Volume 2	EL-MFPCB-02
Volume 3	EL-MFPCB-03
PC Design	EL-EN493-00
PC Mats, Engineering Drawing Formats and Forms	EL-00013-05
PC8-E	
Acceptance Procedure	76-65129-00
Acceptance Procedure (Field)	76-65138-00
PDF User's Manual	
Version 1.5 of PDF	EL-EN319-02
Version 1A(14) of PDF	EL-EN319-01
PDP–11	
Diagnostic Design Guide	EL-ENDIA-11
Diagnostic Programmer's Guide	EL-ENDIA-12
Extended Instructions	EL-00168-00
PDP–11/45 Modules—XOR Test	76-65089-00
Phase 0 Strategy and Requirements	EL-00028-00
Phase 1 Planning and Preliminary Design	EL-00028-00
Phase 2 Implementation and Design	EL-00028-00
Phase 3 Qualification	EL-00028-00
Phase 4 Production, Sales, Service	EL-00028-00
Phase 5 Product Retirement	EL-00028-00
Phase Down	
Field Service	EL-FS540-00
Manufacturing	EL-MF540-00
Phase Review Policy	EL-00028-00
Policy, Corporate	EL-00028-01
Policy, Software	EL-SP540-00
Product Manager's Handbook	EL-EN540-00
Phase Review	EL-00028-00

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Business Plan	EL-00130-00
Component Qualification, Phase Exit	EL-00085-00
Customer Satisfaction/Quality Guidelines	EL-MF356-06
Exit Criteria Poster	EL-MF540-PO
Manufacturing Finance Guidelines	EL-MF356-01
Manufacturing Order Administration	EL-MF356-05
Policy	EL-00028-00
Process and Technology Procedure	EL-00084-00
Process and Technology Workbook	EL-MF084-00
Process Management	EL-CS356-00
Process Manual	EL-CP356-00
Production Guidelines	EL-MF356-07
Phase Review Exit	EL-00028-00
Phase Review Process Management	EL-00028-00
Physical Interconnect Strategy	EL-EN549-00
Physical Stability	
250-Newton Force (Operator)	EL-00119-TM-00N4
250-Newton Force (Servicing)	EL-00119-TM-00N5
800-Newton Force (Step)	EL-00119-TM-00N3
Ten Degree Tilt	EL-00119-TM-00N2
Physical Testability, SMT	EL-EN487-00
Picket Lines	
Crossing	EL-CP771-00
Piece Parts Marking	
Requirements	EL-00178-01
Translations	EL-00178-07
Pipeline Manager Primer	EL-MF570-00
Plant Product Safety and Regulations	
Facilitator's Training Manual	EL-MF119-01
Guide	EL-MF119-UG
Plastic	
Components	EL-EN322-00
Fabrication	EL-MF356-08
Finish and Color Standard	EL-00092-07
Quality Survey	76-65345-07
Raw Material Selection	EL-00076-00
Substrates, Hot Stamping	EL-00092-04-A16X
Plated-Through Holes, Solderability	EL-MF376-00
Plating; Also see Digital-Approved Finish Specifications, Finish Specification	
Touch-Up Procedures	EL-00092-08-0007
Plot Conversion Program, Applicon to Multiplot	EL-EN101-00
PNRF, Answering Question "C"	EL-CE059-0P-PNRF
Point of Manufacture (POM)	
Communications and Operations Guide	EL-MF072-00
Labeling and Documentation	EL-MF178-00
Polarity	EL-CE059-TM-04TG
Policies and Procedures	
Corporate Publishing Guidelines	EL-CP706-00
Corporate Waste Management Policies—Process	EL-CP758-01
Corporate Waste Management Policy—Principles of Waste Management	EL-CP758-00
Field Service Product Safety	EL-FS132-00

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Primary Stop	EL-CE059-TM-05EA
Print Publication Guidelines	EL-CP706-00
Print Sets, Field Maintenance	EL-00117-00
Printed Circuit	
Back Panels	76-65028-00
Backplane Soldering	76-65236-00
Conformal Coatings, A005, A007, and A150	EL-MF410-00
Design, Quick Turnaround	EL-ENQTA-UG
Electrical Design Guide	EL-ENPCD-TM
Printed Circuit Boards/Modules	
CAD Process Guide	EL-EN309-00
Cleaning Process Contamination	EL-MF299-00
Engineering Documentation Checking	EL-00010-02
Gold Contact Cleaning	EL-FS266-00
Printed-Wiring Board	
50-Class Documentation	EL-00140-01
Acceptance	EL-00176-00
Acceptance (All Copper Product)	EL-00176-05
Acceptance (Single-Sided/Double-Sided Nonplated Through (SS/DS))	EL-00176-06
Acceptance (SMOBC Product)	EL-00176-03
Acceptance (Surface Mount)	EL-00176-04
All Copper Implementation Plan	EL-MF733-00
Coatings	EL-00119-TM-0N20
Data Requirements	EL-00140-04
DEC STD 140 All Sections	EL-00140-00
Design	EL-00030-04
Engineering Handbook	EL-ENPCB-00
ESB Release	EL-00140-07
General Requirements	EL-00140-00
Layout Manual	EL-EN312-00
M-Series Printed-Wiring Board Specification	EL-MF547-00
Manual	EL-SM176-00
Manufacturing Data Base	EL-MF447-01
Manufacturing Handbook - Volume 1	EL-MFPCB-01
Manufacturing Handbook - Volume 2	EL-MFPCB-02
Manufacturing Handbook - Volume 3	EL-MFPCB-03
Manufacturing Terminology	EL-00016-00
Master Index to DEC STD 140	EL-00140-IN
Plated-Through Holes, Solderability	EL-MF376-00
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Printed-Wiring Board Resistor	EL-MF591-00
Product Safety	EL-00176-02
Production Release	EL-00140-06
Prototype Release	EL-00140-05
Quality Management and Quality Assurance Standards (ISO 9000)	EL-EX756-00
Repair	EL-00176-01
Solder Mask	76-65316-00
Suggested Guidelines for Modification, Rework and Repair (IPC-R-700C)	EL-MF265-00
Supplier Audit Checklist	EL-MF088-01
Supplier Questionnaire	EL-MF088-00

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Design Manual, Volume 3	EL-SM119-03
Handbook	EL-00424-00
Module Manufacturing	EL-00030-02
Plant Regulations Guide	EL-MF119-UG
Retrofit	EL-00132-04
Test Procedures	EL-00119-02
Product Safety, Electronic Data Processing	
Design Criteria	EL-00119-01
Hardware Products	EL-00119-05
Introduction	EL-00119-00
Test Procedures	EL-00119-02
Product Safety, Industrial Control Equipment	
Design Criteria	EL-00080-01
Introduction	EL-00080-00
Test Methods	EL-00080-02
Product Team	EL-00028-00
Product Waivers, Manufacturing	EL-MF005-00
Product/System Business Plans	EL-00130-00
Production Process Management Model	EL-MF445-00
Production Release	
General	EL-00140-00
PWBs, Modules, Backplanes	EL-00140-06
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Environment and Processes	EL-CP702-00
Formal Management Directives (FMD)	EL-CPFMD-00
Life Cycle	EL-CP701-00
Program Post Partum Report	EL-CP486-01
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Data I/O V Programming Capabilities	76-65274-00
Documentation	EL-00184-00
Programming Manual, SIP Inserter	EL-MF491-01
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Damage	EL-CP771-00
Prototype Release	
General	EL-00140-00
PWBs, Modules, Backplanes	EL-00140-05
PTT Certification, German Telecommunication	EL-00062-DE
Public Announcements	EL-00028-00
Public Relations	
Corporate	EL-CP771-00
Used Digital Equipment Policy — Corporate Contributions	EL-CP760-00
Public Switched Telephone Network (PSTN)	
U.S. and Canada	EL-00053-00
Worldwide Interface	EL-00053-01
Publication Design, Software Manufacturing	EL-00073-00
Publications, Legal Requirements	EL-00197-00
Publishing Policies and Procedures	EL-CP706-00
Pulse Transformer, Manufacturing Process	76-65198-00
Punched Card Format	EL-00151-00
Purchase Specification	
Logpoint Hand Assembly System	EL-MF413-01
Transfer Conveyer	76-65315-00

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Table 1 (Cont.): Subject Index to SMC Documents

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Operator's Manual	EL-MFSEQ-OP-GEN3
Output Centering	76-65270-00
Serial Interfaces	
Definitions and Terminology	EL-00052-00
Local Direct Connection	EL-00052-04
Operational Characteristics	EL-00052-01
Standards	EL-SM474-00
Series Motors	EL-00119-TM-0D10
Service	EL-00028-00
Codes, Types, and Rates for Unit Charge	EL-ENCHG-RF
Product Life Cycle Management	EL-CS356-00
Service Life	EL-00028-00
Service Retirement	EL-00028-00
Session Control, DNA	EL-00200-07
Sharp Edges	EL-00119-TM-0N19
Sheet Metal	
Finish Selection	EL-EN727-01
Manufacturing	EL-EN727-01
Sheet Metal Designer's Handbook	EL-EN725-01
Shielding Effectiveness	EL-CE059-TM-04VF
Ship Cost Analysis	76-65327-01
Ship-to-Stock Supplier Qualification Program	
Audit Guideline for Plan Quality Engineer	EL-MF347-00
Basic Agreement and Release Procedure	EL-MF348-00
DRAMs	EL-MF731-00
Ship-to-Stock Vendor Quality Program	EL-MF346-00
DRAMs	EL-MF731-00
Shipping and Handling	
Container Marking and Labeling	EL-00178-04
Container Marking for Goods in Process	EL-00178-09
Documentation for Finished Goods	EL-00178-08
Hold Procedures	EL-SSM01-00
Product Stability	EL-00102-03
Requirements - U.S. Area	EL-SM530-00
Shipping Documents	EL-MF178-08
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Short Circuit	EL-00119-TM-00D4
Short Tester, Populated Board	
Operation	76-65352-01
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SIE (Systems Integration Group)	
Guide to Technology Standardization	EL-EN765-00
Signal Integrity	
Design Guide for CAD	EL-EN505-00
Design Standards	EL-00186-00
Silk Screen Artwork Procedure	76-65233-00
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Single Layer Conductor Design Guidelines	EL-EN306-01
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Programming Manual	EL-MF491-01
Site	
Closings	EL-CP771-00
Site Codes, Product Serialization	EL-00031-02
Sixel Graphics, Video Systems	EL-00070-09
SLDA, See System-Level Design Analysis	
Sleeve Shrinking Stability	EL-CE059-TM-002P
Slitter, 36-Inch Rotary	
Design	76-65263-00-0002
Installation	76-65263-00
Operation	76-65263-00-0001
Small Systems Ship Hold Procedure	EL-SSM01-00
SMC, See Standards and Methods Control	
SMOBC, See Soldermask over Bare Copper	
Smog-Hog Venting	76-65313-00
SMT, See Surface Mount Technology	
Socket Inserter, Mark AR7	EL-MF503-00
Software	
ASCII Graphic Character Set	EL-00164-00
Box Requirements	EL-00129-00
Distribution Center Part Numbering	EL-00012-04
Engineering Manual	EL-EN571-00
International Products Design	EL-SM498-00
Legal Requirements and Guidelines	EL-00197-00
Manufacturing Packaging Guide	EL-EN073-00
Manufacturing Publication Design	EL-00073-00
Marking and Labeling Requirements	EL-00178-06
Producing International Products	EL-EN467-00
Product Retirement	EL-SP540-00
Systems Evaluation of New Products	EL-00038-01
VAX Architecture	EL-00032-00
Software and Hardware	
Coded Graphic Character Sets	EL-00169-00
Coded Graphic Character Sets, Introduction	EL-00169-01
Documentation Standards	EL-SM470-00
Software Design	EL-EN112-00
	EL-EN435-00
	EL-EN540-00
	EL-EN571-00
	EL-FS540-00
	EL-IE467-00
	EL-SP540-00
	EL-00012-04
	EL-00032-00
	EL-00038-00
	EL-00038-01
	EL-00041-00
	EL-00049-00
	EL-00070-00
	EL-00070-01
	EL-00070-02

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
	EL-00070-03
	EL-00070-04
	EL-00070-05
	EL-00070-06
	EL-00070-07
	EL-00070-08
	EL-00070-09
	EL-00070-0A
	EL-00070-0B
	EL-00070-0C
	EL-00070-0D
	EL-00070-10
	EL-00070-11
	EL-00070-12
	EL-00070-13
	EL-00073-00
	EL-00073-04
	EL-00074-00
	EL-00074-02
	EL-00074-06
	EL-00074-12
	EL-00074-14
	EL-00074-15
	EL-00083-00
	EL-00083-01
	EL-00083-02
	EL-00091-00
	EL-00100-00
	EL-00100-03
	EL-00107-01
	EL-00112-00
	EL-00130-00
	EL-00134-00
	EL-00138-00
	EL-00153-00
	EL-00160-00
	EL-00164-00
	EL-00169-00
	EL-00169-01
	EL-00178-05
	EL-00178-06
	EL-00180-00
	EL-00185-01
	EL-00197-00
	EL-00200-01
	EL-00200-02
	EL-00200-03
	EL-00200-04
	EL-00200-05
	EL-00200-07
	EL-00200-10
	EL-00200-11
	EL-00070-IN

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
	EL-CP356-00
	EL-EN134-00
	EL-EN467-00
	EL-ENSDE-01
	EL-SM070-00
	EL-SM470-00
	EL-SMLAN-00
Software Tools	
FF3X3 In-Circuit Tester	76-65381-04
GenRad GR2272 In-Circuit Tester	EL-MF390-00
STREAM	EL-MF447-01
SOLDAPAK Workstation	EL-MF502-00
Solder	
Deposition, SMT	EL-MF417-02
Drying, SMT	EL-MF417-02
Heat	EL-CE059-TM-002D
Machine, Fast Mask Hollis Conveyorized	76-65325-00
Paste Application Guidelines	EL-EN306-11
Reflow, SMT	EL-MF417-02
Repair, Electrovert SOLDAPAK	EL-MF502-00
Resist Application	76-65189-00
Solder Wave Machine - Operator's Manual	EL-MFWAV-OP-00AQ
Solderability	
Component Aging Test	EL-MF542-00
Modules and Plated-Through Holes	EL-MF376-00
Surface Mountable Packages	EL-MF500-00
Test Method	EL-CE059-TM-002E
Soldering, Resistance	76-65012-00
Solderless Crimped Terminations	EL-MF267-00
Soldermask	
Cure, Test Method	EL-MF601-00
M-Series Printed-Wiring Board Specification	EL-MF547-00
Printed Wiring Boards and Backpanels	76-65316-00
Process	76-65004-00
Soldermask Layers, Adding to (SMT)1.0 Design	EL-EN455-02
Soldermask over Bare Copper, PWB Acceptance	EL-00176-03
Soldermask, Vendor Process Evaluation	EL-MF543-00
Source Inspection	76-65373-00
SPAG (Standards Promotion and Application Group)	
Guide to Technology Standardization	EL-EN765-00
Spanish Homologation Procedure	EL-EN565-00
SPD (Software Product Description)	
Guide to Technology Standardization	EL-EN765-00
Specification Program Structure, Video Systems	EL-00070-02
Specifications	
7665 Specs - Complete Set	76-FICHE-00
Guide to Technology Standardization	EL-EN765-00
Surface Mount (SMT) Process	EL-MF516-00
Splicing, Bus	76-65098-00
SPRT Generator, Exponential	EL-EN036-00
SQM (Systems Quality Management)	
Guide to Technology Standardization	EL-EN765-00
SSI S3260	76-65307-00

Table 1 (Cont.): Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Volume 2 - Applicable Digital Standards	EL-SS036-02
Storage Systems Reliability Tests	EL-EN036-02
Stored Charge	
Line Cord	EL-00119-TM-00E2
Semiconductor Component	EL-CE059-TM-04PV
Semiconductor Diode	EL-CE059-TM-04MH
STP Rules	EL-EN487-01
Strategic Markets, Product Design	EL-00066-03
Strawman Report - International Software Products	EL-IE467-00
STREAM User's Guide	EL-MF447-01
Stress Screening, SDO	EL-EN532-00
Structural Material	EL-00048-00
Style Guide, SMC	EL-CP706-00
	EL-SM001-05
Subcontracts, Manufacturing	EL-MF416-00
Substrate Parameters for Thick Film Design	EL-EN306-08
Substrate Sizing for Thick Film Hybrids	EL-EN306-09
SUDS	
Documentation Process	EL-EN320-00
Graphic Symbols	EL-ENSDS-00
Reference Card	EL-ENSDS-RF
Training Manual	EL-ENSDS-TM
Supplier	EL-MF453-00
Audit Checklist, Qualification	EL-MF088-01
Certification Program	EL-SM520-00
Questionnaire, PWB Qualification	EL-MF088-00
Supplier Quality	
Agreement, SSMP	EL-MF521-04
Assurance, SSMP	EL-MF521-03
Metals Fabrication	76-65345-00
Supplier Systems Management Program	
Introduction	EL-MF521-00
Preliminary Supplier Survey	EL-MF521-02
Process Phases for Qualification	EL-MF521-01
Quality Agreement	EL-MF521-04
Quality Assurance	EL-MF521-03
Supply Cord Strain Reliefs	EL-00119-TM-0N18
Surface Mount Technology	
1.0 Design, Adding Soldermask Layers	EL-EN455-02
All Copper Implementation Plan	EL-MF733-00
Component Aging	EL-MF542-00
Design Process	EL-EN493-00
Design Process, Release 1.0	EL-EN455-00
Design Process, Release 1.5	EL-EN456-00
Footprint Design Rules	EL-00030-10
Footprint Patterns	EL-EN705-00
Physical Testability	EL-EN487-00
Printed-Wiring Board Acceptance	EL-00176-04
Process Specification	EL-MF516-00
Reference Manual - Volume 1	EL-MF417-01
Reference Manual - Volume 2	EL-MF417-02
Salem Manufacturing	EL-MF436-00
Solderability of Packages	EL-MF500-00

Table 1 (Cont.): Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Telephone Adapter Cables	EL-EN210-00
Temperature	
Abnormal	EL-00119-TM-00D2
Elevated	EL-00119-TM-0N17
Test, Environmental Standard	EL-00102-01
Test, Test Method	EL-CE059-TM-002M
Thermal Design Guidelines	EL-EN120-01
Teradyne	
HD Plus Connectors: Manufacturing Assembly Criteria	EL-MF734-00
J259/S257S	76-65164-00
S257S Acceptance	76-65162-00
S257S, Automatic Handler	76-65163-00
T317 Acceptance and Accuracy	76-65272-00
Terminal Keyboards	
LK201 Character Sets	EL-00107-02
Manual, Digital Standard	EL-SM107-00
Registry of Graphic Character Sets	EL-00107-01
Standard Layout	EL-00107-00
Terminal Management, Video Systems	EL-00070-04
Terminal Synchronization Standard	EL-00070-12
Test	
Electrical, Physical, and Environmental Parameters	EL-00009-01
Equipment, Calibration	76-65141-00
Method, Soldermask Cure	EL-MF601-00
Power Supplies	76-65024-00
Process Compatibility	76-65212-00
Test Method - Incoming Inspection	
AC Dielectric Voltage	EL-CE059-TM-04TB
AC Specific Temperature	EL-CE059-TM-004B
AC/DC at Specific Temperature	EL-CE059-TM-004C
Automatic Test Instrument	EL-CE059-TM-004G
Capacitance	EL-CE059-TM-04LA
Capacitors - Complete Set	EL-CE059-TM
Constant Acceleration	EL-CE059-TM-002W
Contact Resistance	EL-CE059-TM-05TB
Contact Retention	EL-CE059-TM-05BH
DC Dielectric Voltage	EL-CE059-TM-05RL
DC Resistance	EL-CE059-TM-04TJ
DC Specific Temperature	EL-CE059-TM-004A
Dissipation Factor	EL-CE059-TM-04LB
Durability	EL-CE059-TM-05BG
Equivalent Series Resistance	EL-CE059-TM-04LC
Excitation Current	EL-CE059-TM-04TE
Flammable Plastics	EL-CE059-TM-002N
Functional Operation	EL-CE059-TM-05CA
Functional Test	EL-CE059-TM-04WA
Gross Leak	EL-CE059-TM-002L
Hall Effect and Speed	EL-CE059-TM-05AI
Impedance	EL-CE059-TM-05RD
Inductance	EL-CE059-TM-04TK
Input Capacitance	EL-CE059-TM-04PX
Insertion/Withdrawal Force	EL-CE059-TM-05BD
Insulation Resistance	EL-CE059-TM-04LH

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Junction Capacitance	EL-CE059-TM-04MG
Lead Bend	EL-CE059-TM-002G
Lead Pull	EL-CE059-TM-002F
Leakage Current	EL-CE059-TM-04LE
Leakage Inductance	EL-CE059-TM-04TS
Marking Permanence	EL-CE059-TM-002C
Marking Permanence, Thermal	EL-CE059-TM-002T
Mechanical Dimension	EL-CE059-TM-002B
Nominal Speed	EL-CE059-TM-05AE
Normal Force	EL-CE059-TM-05BB
Output Capacitance	EL-CE059-TM-04PW
Package Integrity, Detergent	EL-CE059-TM-002U
Package Integrity, Thermal Air	EL-CE059-TM-002V
Package Integrity, Thermal Liquid	EL-CE059-TM-002I
Polarity	EL-CE059-TM-04TG
Pressure Cooker Test	EL-CE059-TM-002J
Primary Stop	EL-CE059-TM-05EA
Resistance	EL-CE059-TM-04NA
Resistance vs. Temperature	EL-CE059-TM-04NB
Run-Out Etch Leads, Coating	EL-CE059-TM-002R
Safety Stop	EL-CE059-TM-05ED
Secondary Stop	EL-CE059-TM-05EB
Shielding Effectiveness	EL-CE059-TM-04VF
Sleeve Shrinking Stability	EL-CE059-TM-002P
Solder Heat	EL-CE059-TM-002D
Solderability	EL-CE059-TM-002E
Stored Charge, Semiconductor Component	EL-CE059-TM-04PV
Stored Charge, Semiconductor Diode	EL-CE059-TM-04MH
Temperature Test	EL-CE059-TM-002M
Thermistor Inductance	EL-CE059-TM-04ND
Thermistor Resistance	EL-CE059-TM-04NH
Tilt Mechanism	EL-CE059-TM-05EC
Turns Ratio	EL-CE059-TM-04TD
Visual Compliance	EL-CE059-TM-002A
Voltage, Open-Circuit	EL-CE059-TM-05RB
Winding Continuity	EL-CE059-TM-04TT
Test Method - Product Safety	
Abnormal Temperature Test	EL-00119-TM-00D2
Accessibility	EL-00119-TM-00N1
Battery Charging Means	EL-00119-TM-00E9
Capacitor Discharge	EL-00119-TM-00E3
Chassis Slide Strength	EL-00119-TM-00N6
Control Devices Requiring Manual Adjustment	EL-00119-TM-0N27
CRT Implosion	EL-00119-TM-0D13
DC Motors - Locked Rotor	EL-00119-TM-00D6
Dielectric Strength	EL-00119-TM-00E7
Elevated Temperature Testing	EL-00119-TM-0N17
Enclosure Strength, 250-Newton Force	EL-00119-TM-0N10
Enclosure Strength, 30-Newton Force	EL-00119-TM-00N9
Enclosure Strength, Guards (Ball Impact Test)	EL-00119-TM-00N7
Enclosure Strength, Non-Operating Impact on CRT	EL-00119-TM-0N24
Endurance	EL-00119-TM-00E8
Equipment Starting	EL-00119-TM-00E1

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Equipment with Adjustable Supply Voltages	EL-00119-TM-0N26
Flammability	EL-00119-TM-0D14
Grounding	EL-00119-TM-0N14
Ignition, Hot Flaming Oil	EL-00119-TM-0N22
Ignition, Molten PVC and Copper	EL-00119-TM-0N23
Input Current	EL-00119-TM-00E5
Leakage Current	EL-00119-TM-00E6
Marking Permanence	EL-00119-TM-00D1
Mechanical Strength of Fasteners	EL-00119-TM-0N12
Mechanical Strength of Handles and Knobs	EL-00119-TM-0N11
Motors - Locked-Rotor	EL-00119-TM-00D5
Motors - Running Overload	EL-00119-TM-00D9
Motors - Three-Phase	EL-00119-TM-00D8
Motors with Capacitors	EL-00119-TM-00D7
Ozone	EL-00119-TM-0E11
Physical Stability, 250-Newton Force (Operator)	EL-00119-TM-00N4
Physical Stability, 250-Newton Force (Servicing)	EL-00119-TM-00N5
Physical Stability, 800-Newton Force (Step)	EL-00119-TM-00N3
Physical Stability, Ten Degree Tilt	EL-00119-TM-00N2
Printed-Wiring Board Coatings	EL-00119-TM-0N20
Rusting	EL-00119-TM-0N25
SELV Circuit	EL-00119-TM-00D3
Series Motors	EL-00119-TM-0D10
Sharp Edges	EL-00119-TM-0N19
Stored Charge (Line Cord)	EL-00119-TM-00E2
Strain Reliefs	EL-00119-TM-0N18
Surface Resistivity	EL-00119-TM-0E12
Switch Overload	EL-00119-TM-0D11
Transformer Overload/Short Circuit	EL-00119-TM-00D4
X-Radiation, (Abnormal Conditions)	EL-00119-TM-0D12
Test Requirements	
Equipment Released from Z Stock	76-65342-00
File, Incoming Inspection	EL-CE059-TR-0TRF
General, Environmental Standard	EL-00102-00
Tester	
Acceptance, GR 2272 In-Circuit	76-65382-00
Operation, Populated Board	76-65352-01
Operator's Manual, FF303 In-Circuit	EL-MF303-OP
Ordering, Populated Board Short Tester	76-65352-02
Preventive Maintenance, GR1792A	76-65224-00-0008
System Description, Populated Short Board	76-65352-00
UUT Module, FF303	EL-MF303-RP
Vacuum Fixture	76-65381-03
Tester Introduction Plan	
FF303 In-Circuit	76-65370-00
FF333 In-Circuit	76-65381-00
Tester On-Site Acceptance	
FF303 In-Circuit	76-65370-02
FF333 In-Circuit	76-65381-02
Tester Ordering Procedure	
FF303 In-Circuit	76-65370-01
FF333 In-Circuit	76-65381-01
Tester Software Tools	

Table 1 (Cont.): Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
VTX	EL-CP706-00
VAXBI Module Layout Guide	EL-EN057-00
VAXBI Standards	EL-00057-00
VAXKPL User's Guide	EL-EN515-00
VCD Inserter Operator's Manual	
Fourth Generation Machine	EL-MFVCD-0P-GEN4
Model 6287	EL-MF452-00
Third Generation Machine	EL-MFVCD-0P-GEN3
VCD Insertion Machine - Model 6285 and 6287	
Maintenance	EL-MF442-00
Parts Acceptance	EL-MF399-00
Vector Functions	EL-00074-15
Vendor	EL-MF453-00
Calibration Facility Audit Checklist	76-65321-00
Equipment Services (VES)	EL-00012-11
Material Deviation Request	76-65340-00
Quality Program, Ship-to-Stock	EL-MF346-00
Soldermask Evaluation	EL-MF543-00
Verification	
Requirements	EL-00140-04
Vibration Test	
Flip Chip Systems	76-65057-00
Mechanical Shock	EL-00102-02
Video	
Cassette Program	EL-MFT01-00
Display Units, Spanish Homologation	EL-EN565-00
Products Specification, Competitive	EL-MF700-00
Tapes, Module Process Training	EL-MFMPM-09
Video Systems Reference Manual	
Character Cell Display	EL-00070-05
Code Extension Layer	EL-00070-03
Complete Manual	EL-SM070-00
Concepts and Conformance Criteria	EL-00070-01
Dynamically Redefinable Character Sets Extension	EL-00070-10
Introduction	EL-00070-00
Keyboard Processing	EL-00070-06
Master Index	EL-00070-IN
Printer Port Extension	EL-00070-07
ReGIS Graphics Extension	EL-00070-08
Sixel Graphics Extension	EL-00070-09
Specification Program Structure	EL-00070-02
Terminal Management	EL-00070-04
Terminal Synchronization	EL-00070-12
User Definable Keys Extension	EL-00070-11
Vinyl Baked Enamel, Application	76-65262-00
Violence	
In The Workplace	EL-CP771-00
Virginia Panel Corporation	
TRI-AX PROBER Installation and Operation	EL-MF494-01
TRI-AX PROBER Maintenance	EL-MF494-02
TRI-AX PROBER Preacceptance Test Procedure	EL-MF494-00
Visual Compliance	EL-CE059-TM-002A
VLS Design Process	EL-EN493-00

Table 1 (Cont.): Subject Index to SMC Documents

Table 1 (Cont.): Subject Index to SMC Documents

Subject	Order Number
Printed Circuit Boards	EL-00116-01
Retaining Hardware and Fasteners	EL-00116-05
Safety	EL-00116-07
Soldered Terminations	EL-00116-02
Solderless Crimped Terminations	EL-00116-03
Surface Mount	EL-00116-09
Technical Data	EL-00116-08
Volume 1, All DEC STD 116 Sections	EL-SM116-01
Volume 2	EL-SM116-02
Wirewrap/Logic Assemblies	EL-00116-06
Workmanship Standards, Mechanical Fabrication	EL-00187-00
Workstation, Flexible Assembly	EL-MF724-00
Writing	
Engineering Specifications Format	76-65287-00
Policies and Procedures	EL-CP706-00
	EL-SM498-00
Power Supply Test	76-65305-00
Wrought Material	EL-00048-00
X	
X-Radiation	
Abnormal Conditions	EL-00119-TM-0D12
Production Testing - W. Germany	EL-MF119-02
X/Open	
Guide to Technology Standardization	EL-EN765-00
X12	
X3	
XCON Product Information	EL-MF536-00
XMI Module Impedance Measurement	EL-MF562-00
XOR	
Interfacing a Module, 11/45	76-65188-00
Module Test Station	76-65155-00
Operation and Module Repair, 11/05	76-65193-00
Test Procedure, 11/40	76-65192-00
XOR Testing	
CMT Modules	76-65234-00
PDP 11/45 Modules	76-65089-00
XSEL Product Information	EL-MF536-00
Z	
Z Stock, Equipment Test	76-65342-00
Zinc Plating and Chromate Treatment	76-65333-00
Yellow, Touch-Up Procedures	EL-00092-08-0004

3 DOCUMENT MANAGEMENT INFORMATION

The documents listed in this index cover topics that are in one of five information groups:

a. Customer Services (FXXX)
b. Hardware Design (HXXX)
c. Manufacturing (MXXX)
d. Systems and Architecture (SXXX)
e. Technical Information Management (TXXX)

SMC has subdivided these broad information groups and assigned document management categories to identify appropriate review and approval lists for documents in each category. Table 2 lists the document management categories for each of the five major information categories.

Table 2: Document Management Categories

Document Management Category	Code	Contact
Digital Services (FXXX)		
Digital Services Logistics/Manufacturing	FL	John Pellegrino
Digital Services Logistics/Test	FT	Mike Wade
Digital Services Product Safety	FS	Jacqueline Cooper
Digital Services Requirements	FR	
Field Change Orders	FC	John Earnshaw

Table 2 (Cont.): Document Management Categories

Document Management Category	Code	Contact
Hardware Design Development (HXXX)		
AC Power Requirements and Entry	HRP	John Cross
Acoustics	HRA	Bob Lotz
Board, Module, and Backplane	HPB	Kathy Bailey
Cables and Harnesses	HPC	Mike Brennan
CAD/CAM Methods and Tools	HPK	Ed Tang
Components	HPX	
Country Requirements	HRI	Michael Neuffer
Customer Installability	HCC	Betsy Comstock
Diagnostics	HTD	Mike Densmore
Electromagnetic Compatibility	HRC	Peter Boers
Engineering Design/Documentation Methods	HPD	
Hybrid Assemblies	HPA	
Industrial Packaging	HPP	Larry Nielsen
Maintenance and Installation Requirements	MTS	
Paints and Finishes	HPF	Art Clockedile
Process and Design Technology	HP	
Product Documentation	HCP	George Kauffman
Product Environmental Requirements	HRE	Frank Grimaldi
Product Ergonomics	HRH	Charles Abernethy
Product Labeling	HRL	Frank Cornine
Product Performance Testing	HT	
Product Safety	HRS	Michael Neuffer
Raw Materials/Mechanical Technology	HPM	Dick Ceremsak
Regulated Materials	HRM	Michael Neuffer
Reliability Testing	HTR	
Signal Integrity	HPI	Maurice Tetreault
Surface Mount Technology	HPS	
System Parameter Test	HTS	Bob Shelton
Technical Domains and Country Requirements	HR	Michael Neuffer
Telecommunications	HRT	Jan Purwin
Test Laboratories	HTL	Eric Williams
Thermal Design	HPT	Ralph Larson

Table 2 (Cont.): Document Management Categories

Document Management Category	Code	Contact
Manufacturing Group Processes (MXXX)		
Backplane and Wirewrap	MAB	Jerry Benjamin
Board Manufacture	MB	Gerald Gagnon
Cables and Harnesses	MAC	Mike Brennan
Component Handling	MCC	Adrienne Kudlich
Component Handling and Test	MC	
Environmental Health and Safety	MEH	
Incoming Inspection	MCI	
Manufacturing Assembly	MA	Mike Brennan
Manufacturing Plant Operations	MPO	
Modules, Equipment Related	MAME	Mike Brennan
Modules, Process Related	MAMP	Mike Brennan
Quality Program Management	MQQ	
Quality, General	MQ	Bob Kennedy
Reliability Testing	MQR	Virginia Moody
Subassembly	MAS	Mike Brennan
Systems	MAI	Steve Spaulding
Test	MT	Jerry Jeansonne
Test Equipment Maintenance and Calibration	MTC	Jerry Jeansonne
Test Methods	MCT	John Peachey
Unclassified Process Documents	MOK	
Workmanship	MQW	Mike Brennan
Systems and Architecture (SXXX)		
BI Architecture	SHB	Richard Best
Bus Architecture	SHA	
Business and Office Systems	SBOS	
Cross-Architecture	SA	
Digital Network Architecture	SN	Tony Lauck
Document Transmission	SB	Ed Steinberger
Hardware Architecture	SH	
Keyboard Design	STS	William Capers
Languages	SL	Nick Howgate
PDP–11 Hardware Architecture	SHP	Ralph Ware
Storage Systems	SS	
Terminal Interface Architecture	STI	Peter Sichel, Tim Lasko
Terminals	ST	
VAX System Architecture and Interconnect	SHV	

Table 2 (Cont.): Document Management Categories

Document Management Category	Code	Contact
Technical Information Management Process (TXXX)		
Computer Operations - Capital Administration	TKC	
Computer Operations - Data Center Procedures	TKO	
Computer Operations - General	TK	
Computer Operations - Space Planning	TKP	Greg Bacon
Corporate Policies	TCP	Eric Williams
Cross Documentation Vocabulary and Practices	TDV	Allan Kent
Data Management	TSD	Ann Brown
Data Management Systems	TS	
Design Information Transfer	TT	Ann Brown
Design Process Administration/Management	TA	Ann Brown
Dummy management code for subject index cross reference.	XXXX	
Engineering Change Orders (ECOs)	TTE	J. Bailey
Engineering-Manufacturing Release	TRR	Leo Crosby
Hardware Manuals	TDEM	Susan Fields-Tamker
Information Process (SDE)	TTI	John Manzo
Manufacturing Documentation	TDM	
Micrographics	TTM	Gerry Marini
Part and Documentation Identification	TSP	June Davenport
Process and Project Management Processes	TP	
Product Announcement and Pricing	TPP	John Harvey
Product Criteria/Waivers	TPW	Michael Neuffer
Product Export Requirements	TPE	Bob Rarog
Product Management Process Requirements	TPR	
SDC Documentation	TDW	Dick Hardaker
Software Manuals	TDS	Sue Gault
Standards Administration Documentation	TDA	Eric Williams
Technical Documentation	TD	

4 DOCUMENT LISTING

Table 3 provides a listing of Digital standards, EL- and 76-65... specifications, and other documents, which are under SMC's control. Document entries are listed in Table 3 by the 2-5-2-4 order number and include:

- Document title
- Document number
- Order number
- Released revision and release date
- Expiration date (for Digital standards, only)
- Document management category and code
- Responsible person and group
- Abstract
- Document status

Digital standards can be identified by meeting both of the following criteria:

- An order number beginning with EL-00..., and,
- A document title that begins with *DEC STD ...*

Table 3: Documents Sorted By Order Number

DEC STD 001-0 Management of Technical Standards and Related Documentation

DOCUMENT NUMBER:	A-DS-EL00001-00-0000	ORDER NUMBER:	EL-00001-00
RELEASED REVISION AND DATE:	M1, 08-Jul-1992	EXPIRATION DATE:	08-Jul-1993
MANAGEMENT CATEGORY:	Standards Administration Documentation (TDA)		
RESPONSIBLE PERSON:	Eric Williams, Standards and Methods Control		
ABSTRACT:	This document establishes the policy for the management of Digital technical standards and related documents.		

DEC STD 001-1 Guidelines for Document Management

DOCUMENT NUMBER:	A-DS-EL00001-01-0000	ORDER NUMBER:	EL-00001-01
DATE:	26-Jun-1987		
ABSTRACT:	This document has been inactivated; there is no replacement.		

DEC STD 001-2 Digital Standards System - Format and Style Requirements

DOCUMENT NUMBER:	A-DS-EL00001-02-0000	ORDER NUMBER:	EL-00001-02
DATE:	07-Apr-1983		
ABSTRACT:	This document has been inactivated as a standard, and is replaced by the EL-SM001-00 series, SMC Procedures Manuals		

DEC STD 001-3 Release of Digital Standards and Related Information to External Sources

DOCUMENT NUMBER:	A-DS-EL00001-03-0000	ORDER NUMBER:	EL-00001-03
RELEASED REVISION AND DATE:	B1, 10-Dec-1990	EXPIRATION DATE:	10-Dec-1991
MANAGEMENT CATEGORY:	Standards Administration Documentation (TDA)		
RESPONSIBLE PERSON:	Jan Litchfield, Standards and Methods Control		
ABSTRACT:	This document defines requirements for releasing Digital standards and related technical information to requestors external to Digital Equipment Corporation.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 001-4 Engineering Committee Charter and Operating Procedures

DOCUMENT NUMBER: A-DS-EL00001-04-0000 ORDER NUMBER: EL-00001-04
DATE: 03-Jul-1986
ABSTRACT: This document has been inactivated. The Engineering Committee is no longer performing the functions described in this document. There is no replacement document.

DEC STD 002-0 AC Power Wiring, Safety Earth Grounding, Plugs and Receptacle Information and Requirements

DOCUMENT NUMBER: A-DS-EL00002-00-0000 ORDER NUMBER: EL-00002-00
RELEASED REVISION AND DATE: F1, 27-Apr-1990 EXPIRATION DATE: 27-Apr-1991
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: John Cross, Power Systems Engineering
ABSTRACT: This standard defines requirements for ac power wiring and grounding. It specifies the types of outlets, power cords and plugs to be used on Digital's hardware products.

DEC STD 002-1 Power Controller Units - General Requirements

DOCUMENT NUMBER: A-DS-EL00002-01-0000 ORDER NUMBER: EL-00002-01
RELEASED REVISION AND DATE: A2, 30-Jul-1991 EXPIRATION DATE: 30-Jul-1993
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: John Cross, Power Systems Engineering
ABSTRACT: This standard provides internationally unified rules and guidelines for power controllers.

International Power Cables and Connectors

DOCUMENT NUMBER: A-SP-EL00002-TB-0000 ORDER NUMBER: EL-00002-TB
RELEASED REVISION AND DATE: K, 11-May-1992
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: Van Huynh, Power Systems Engineering
ABSTRACT: Many different types of ac power and power connections are used throughout the world. Digital works with worldwide regulatory agencies and standards groups to ensure that Digital products, ac power cables, and connectors comply with the practices of the countries where the equipment will be operated. The information in this publication identifies many of the types of power connections used worldwide.

DEC STD 003-0 Hardware Documentation Standard

DOCUMENT NUMBER: A-DS-EL00003-00-0000 ORDER NUMBER: EL-00003-00
RELEASED REVISION AND DATE: E, 22-Oct-1990 EXPIRATION DATE: 22-Oct-1991
MANAGEMENT CATEGORY: Hardware Manuals (TDEM)
RESPONSIBLE PERSON: Susan Fields-Tamker, Educational Services Development and Publishing
ABSTRACT: This standard establishes worldwide requirements for consistency, completeness, and usability of Digital hardware documentation.

DEC STD 003-1 Hardware Manual Standard

DOCUMENT NUMBER: A-DS-EL00003-01-0000 ORDER NUMBER: EL-00003-01
DATE: 22-Sep-1977
ABSTRACT: This document has been inactivated; there is no replacement.

DEC STD 003-2 Hardware Manual Writer's Guide

DOCUMENT NUMBER: A-DS-EL00003-02-0000 ORDER NUMBER: EL-00003-02
DATE: 22-Sep-1977
ABSTRACT: This document has been inactivated; there is no replacement.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 004-0 Circuit Design Guidelines

DOCUMENT NUMBER: A-DS-EL00004-00-0000 ORDER NUMBER: EL-00004-00
DATE: 09-Dec-1986
ABSTRACT: This collection of general design information, rules and formulas has been inactivated. For meaningful circuit design rules for modules, refer to DEC STD 030 MODULE MANUFACTURING STANDARD. For a systematic method of electrical analysis applicable to the design of high-frequency interconnect, refer to SIGNAL INTEGRITY (SI) RULES DESIGN FOR CAD, A-MN-ELEN505-00-0.

DEC STD 005-0 Operational Alert (OPAL) Procedure

DOCUMENT NUMBER: A-DS-EL00005-00-0000 ORDER NUMBER: EL-00005-00
RELEASED REVISION AND DATE: E1, 19-May-1989 EXPIRATION DATE: 19-Nov-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This document describes how an Operational Alert (OPAL) message is authorized and issued to alert the corporation to a product that has a safety defect or a serious functional defect.

DEC STD 005-1 In-Plant Product Hold Procedure

DOCUMENT NUMBER: A-DS-EL00005-01-0000 ORDER NUMBER: EL-00005-01
RELEASED REVISION AND DATE: B1, 01-Jun-1989 EXPIRATION DATE: 01-Dec-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This standard describes the procedure for placing a product on hold, removing a product hold, and various communication requirements.

DEC STD 005-2 Reporting Products Potentially Non-Compliant with Digital Design Standards

DOCUMENT NUMBER: A-DS-EL00005-02-0000 ORDER NUMBER: EL-00005-02
RELEASED REVISION AND DATE: D4, 08-Sep-1992 EXPIRATION DATE: 08-Sep-1993
MANAGEMENT CATEGORY: Product Criteria/Waivers (TPW)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This document describes the procedure required for reporting products which may not comply with Digital Design Standards listed in DEC STD 066-0 Digital Design Standards.

DEC STD 005-3 Hardware Product Safety Formality Waivers

DOCUMENT NUMBER: A-DS-EL00005-03-0000 ORDER NUMBER: EL-00005-03
DATE: 03-Jul-1986
ABSTRACT: The information in this document has been incorporated into DEC STD 066-2 Waivers to Digital Design Standards.

DEC STD 005-4 Procedure for Handling a Component Alert

DOCUMENT NUMBER: A-DS-EL00005-04-0000 ORDER NUMBER: EL-00005-04
RELEASED REVISION AND DATE: A1, 12-Jul-1989 EXPIRATION DATE: 12-Jul-1990
MANAGEMENT CATEGORY: Product Criteria/Waivers (TPW)
RESPONSIBLE PERSON: Paul Rey, Functional Component Engineering
ABSTRACT: This document describes how a Component Alert message is authorized and issued to alert the designated groups of a component found to be unreliable and/or having performance problems, not involving Serious Functional Defects or Product Safety.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 005-5 Manufacturing Product Safety Policy and Procedure for Pre-Investigation of Alleged Product Safety Incidents

DOCUMENT NUMBER: A-DS-EL00005-05-0000 ORDER NUMBER: EL-00005-05
RELEASED REVISION AND DATE: B2, 31-Jul-1991 EXPIRATION DATE: 31-Jul-1993
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Stephen Russo, Digital Services Safety and Liability
ABSTRACT: This document establishes policy for Plant Product Safety Coordinators to conduct pre-investigation of all alleged product safety incidents per DEC STD 132-0 Digital Services Safety and Liability Policy and Procedures.

DEC STD 006-0 Assigning Part Descriptions and Document Titles

DOCUMENT NUMBER: A-DS-EL00006-00-0000 ORDER NUMBER: EL-00006-00
DATE: 15-Jul-1986
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 007-0 Design Review Process

DOCUMENT NUMBER: A-DS-EL00007-00-0000 ORDER NUMBER: EL-00007-00
DATE: 19-May-1988
ABSTRACT: This standard has been inactivated. Refer to EL-CP356-00, Phase Review Process Manual.

DEC STD 008 Project Scheduling System

DOCUMENT NUMBER: A-DS-EL00008-00-0000 ORDER NUMBER: EL-00008-00
DATE: 29-Jul-1982
ABSTRACT: This document has been inactivated; refer to DEC STD 028-0.

DEC STD 009-0 Project Specification

DOCUMENT NUMBER: A-DS-EL00009-00-0000 ORDER NUMBER: EL-00009-00
DATE: 02-May-1986
ABSTRACT: This standard has been inactivated and there is no replacement.

DEC STD 009-1 Product Engineering Specifications: Electrical, Physical, and Environmental Parameters

DOCUMENT NUMBER: A-DS-EL00009-01-0000 ORDER NUMBER: EL-00009-01
RELEASED REVISION AND DATE: H, 31-Jul-1992 EXPIRATION DATE: 31-Jul-1993
MANAGEMENT CATEGORY: Product Documentation (HCP)
RESPONSIBLE PERSON: George M. Kauffman, Digital Services Technology Office
ABSTRACT: This document defines the minimum electrical, physical, and environmental parameters required in a Product Engineering Specification. This information must be compiled during product testing in order to reflect shippable products. This data is needed for Digital personnel to accurately prepare computer sites, write sales literature, and create hardware installation, training, and operation manuals.

DEC STD 009-2 Product Engineering Specifications: Reliability, Availability, and Maintainability Parameters

DOCUMENT NUMBER: A-DS-EL00009-02-0000 ORDER NUMBER: EL-00009-02
RELEASED REVISION AND DATE: C, 08-Nov-1991 EXPIRATION DATE: 08-Nov-1992
MANAGEMENT CATEGORY: Reliability Testing (HTR)
RESPONSIBLE PERSON: Gary Kushner, WW Manufacturing Quality and Reliability
ABSTRACT: This standard establishes minimum requirements for specifying reliability, availability, and maintainability parameters in hardware product specifications. A figure is included that shows a suggested format to aid in specifying the parameters.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 010-0 Engineering Documentation Checking: General Requirements

DOCUMENT NUMBER:	A-DS-EL00010-00-0000	ORDER NUMBER:	EL-00010-00
RELEASED REVISION AND DATE:	C1, 10-May-1990	EXPIRATION DATE:	13-Mar-1991
MANAGEMENT CATEGORY:	Engineering Design/Documentation Methods (HPD)		
RESPONSIBLE PERSON:	Mark Moynihan, VMS Systems and Servers		
ABSTRACT:	It is the responsibility of the Engineering Services organization to check engineering documentation for conformance to Digital standards and to control the release and ECO of this documentation. This standard defines what checking should be done, as well as what information is needed to support the checking process.		

DEC STD 010-1 Engineering Documentation Checking: Document Checklist

DOCUMENT NUMBER:	A-DS-EL00010-01-0000	ORDER NUMBER:	EL-00010-01
RELEASED REVISION AND DATE:	B1, 10-May-1990	EXPIRATION DATE:	13-Mar-1991
MANAGEMENT CATEGORY:	Engineering Design/Documentation Methods (HPD)		
RESPONSIBLE PERSON:	Mark Moynihan, VMS Systems and Servers		
ABSTRACT:	This document provides a document checklist for the checker to use in meeting Digital standards and drafting requirements.		

DEC STD 010-2 Engineering Documentation Checking: Printed Circuit Checklist

DOCUMENT NUMBER:	A-DS-EL00010-02-0000	ORDER NUMBER:	EL-00010-02
RELEASED REVISION AND DATE:	B1, 10-May-1990	EXPIRATION DATE:	13-Mar-1991
MANAGEMENT CATEGORY:	Engineering Design/Documentation Methods (HPD)		
RESPONSIBLE PERSON:	Mark Moynihan, VMS Systems and Servers		
ABSTRACT:	This standard provides a guide for the Printed Circuit (PC) checker to use in meeting Digital standard and design requirements.		

DEC STD 012-0 Part Identification Standard

DOCUMENT NUMBER:	A-DS-EL00012-00-0000	ORDER NUMBER:	EL-00012-00
RELEASED REVISION AND DATE:	N1, 17-Aug-1990	EXPIRATION DATE:	17-Aug-1991
MANAGEMENT CATEGORY:	Part and Documentation Identification (TSP)		
RESPONSIBLE PERSON:	David Crowley, Chief Engineer's Office		
ABSTRACT:	This section of DEC STD 012 states the general policy governing the composition and format of part identifiers. It shows how to structure part identifiers and describes all of the fields and their uses.		

DEC STD 012-1 Documentation Identification Conventions Including Mnemonic Codes

DOCUMENT NUMBER:	A-DS-EL00012-01-0000	ORDER NUMBER:	EL-00012-01
RELEASED REVISION AND DATE:	P, 27-Jul-1990	EXPIRATION DATE:	27-Jul-1991
MANAGEMENT CATEGORY:	Part and Documentation Identification (TSP)		
RESPONSIBLE PERSON:	David Crowley, Chief Engineer's Office		
ABSTRACT:	This standard establishes the document identification conventions for engineering documentation under the scope of DEC STD 012.		

DEC STD 012-2 Unified Numbering Code for Part Identifier Class Codes

DOCUMENT NUMBER:	A-DS-EL00012-02-0000	ORDER NUMBER:	EL-00012-02
RELEASED REVISION AND DATE:	R, 06-May-1992	EXPIRATION DATE:	06-May-1993
MANAGEMENT CATEGORY:	Part and Documentation Identification (TSP)		
RESPONSIBLE PERSON:	David Crowley, Chief Engineer's Office		
ABSTRACT:	This document lists part classes authorized for use within Digital. It identifies persons and organizations responsible for issuing numbers in each class.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 012-3 Packaged System Identification Standard

DOCUMENT NUMBER: A-DS-EL00012-03-0000 ORDER NUMBER: EL-00012-03
RELEASED REVISION AND DATE: H, 03-May-1990
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: George Greenwood, Chief Engineer's Office
ABSTRACT: This section of DEC STD 012 establishes the method of assigning Unified Numbering Code (UNC) part (option) numbers to packaged systems that are marketed and sold by Digital.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 012-4 Unified Numbering Code (UNC) - Software Numbering Conventions

DOCUMENT NUMBER: A-DS-EL00012-04-0000 ORDER NUMBER: EL-00012-04
RELEASED REVISION AND DATE: M, 14-Aug-1992
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: June Davenport, Chief Engineer's Office
ABSTRACT: This standard specifies the application of the Unified Numbering Code (UNC) for identification of software worldwide, including license, service, option and component part numbers assigned and controlled by the Chief Engineer's Office.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 012-5 Unified Numbering Code (UNC) - Manufacturing Control Part Numbering Conventions

DOCUMENT NUMBER: A-DS-EL00012-05-0000 ORDER NUMBER: EL-00012-05
RELEASED REVISION AND DATE: B, 15-Jul-1982
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: Dave Crowley, Chief Engineer's Office
ABSTRACT: This document establishes the procedure for assigning part numbers by Manufacturing to permit greater flexibility in measuring and controlling material and process flow. It defines those part classes that are restricted to one plant only, and those that can be transferred to other plants.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 012-6 Digital Services EIC Numbering Conventions

DOCUMENT NUMBER: A-DS-EL00012-06-0000 ORDER NUMBER: EL-00012-06
RELEASED REVISION AND DATE: D, 06-Dec-1991 EXPIRATION DATE: 06-Dec-1992
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: Joseph M. Kurta, Digital Services Solutions Engineering (DSSE)
ABSTRACT: This standard establishes the criteria for assignment and control of Unified Numbering System part numbers within Digital Services Engineering Integration Centers (EICs).

DEC STD 012-7 Unified Numbering Code - 74 Class Part Numbering Conventions and Assignment Procedures

DOCUMENT NUMBER: A-DS-EL00012-07-0000 ORDER NUMBER: EL-00012-07
RELEASED REVISION AND DATE: B1, 08-Aug-1989 EXPIRATION DATE: 08-Aug-1991
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: John Peachey, Central Specification Control System (CSCS)
ABSTRACT: This section of DEC STD 012 defines the requirements for the assignment and control of 74 class part identifiers.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 012-8 Digital Services Logistics Part Identifier Conventions

DOCUMENT NUMBER: A-DS-EL00012-08-0000 ORDER NUMBER: EL-00012-08
RELEASED REVISION AND DATE: C, 15-Sep-1992 EXPIRATION DATE: 15-Sep-1993
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: Bill Tarver, Digital Services Logistics Engineering
ABSTRACT: This section of DEC STD 012 defines the requirements for the assignment and control of part identifiers under the control of Digital Services Logistics.

DEC STD 012-9 Unified Numbering Code - 94-Class Tool Numbering Conventions and Assignment Procedures

DOCUMENT NUMBER: A-DS-EL00012-09-0000 ORDER NUMBER: EL-00012-09
RELEASED REVISION AND DATE: B1, 11-Oct-1990 EXPIRATION DATE: 11-Oct-1991
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems (CSCS)
ABSTRACT: This section of DEC STD 012 defines the requirements for the assignment and control of 94-class tool identifiers.

DEC STD 012-10 Conventions Used to Assign Part Identifiers with Significance in Part Classes 11, 15, 19, 21, and 91

DOCUMENT NUMBER: A-DS-EL00012-10-0000 ORDER NUMBER: EL-00012-10
RELEASED REVISION AND DATE: A1, 07-Aug-1989
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: John Peachey, Central Specification Control System (CSCS)
ABSTRACT: This document explains several conventions which have been adopted to add significance within the variation field of part numbers.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 012-11 Unified Numbering Code for Multi-Vendor Hardware Services (MVHS)

DOCUMENT NUMBER: A-DS-EL00012-11-0000 ORDER NUMBER: EL-00012-11
RELEASED REVISION AND DATE: A, 27-Dec-1989
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: Manon Lawson, Multi Vendor Hardware Services (MVHS) Engineering Group
ABSTRACT: This standard establishes the method of assigning FS- and FT-class part numbers to services provided on packaged systems and options by third-party suppliers contracted by Digital.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 013-0 Standard Engineering Drawing Formats and Forms

DOCUMENT NUMBER: A-DS-EL00013-00-0000 ORDER NUMBER: EL-00013-00
RELEASED REVISION AND DATE: F, 30-May-1985
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Mark Moynihan, VMS Systems and Servers
ABSTRACT: This standard lists or provides samples of all authorized general purpose, preprinted, and computer generated engineering drawing forms and formats used in engineering documentation. This standard outlines the use of 'electronic signatures' when appropriate.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 013-1 Standard Engineering Drawing Formats and Forms - General Purpose Drawing Sizes and Formats

DOCUMENT NUMBER: A-DS-EL00013-01-0000 ORDER NUMBER: EL-00013-01
RELEASED REVISION AND DATE: E, 03-Mar-1983
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Mark Moynihan, VMS Systems and Servers
ABSTRACT: This section describes the drawing sizes and formats that have been established for producing general purpose engineering drawings.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 013-2 Standard Engineering Drawing Formats and Forms - Pre-Printed Special Purpose Formats

DOCUMENT NUMBER: A-DS-EL00013-02-0000 ORDER NUMBER: EL-00013-02
RELEASED REVISION AND DATE: E, 03-Mar-1983
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Mark Moynihan, VMS Systems and Servers
ABSTRACT: This document lists all pre-printed engineering drawing formats.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 013-3 Standard Engineering Drawing Formats and Forms - Computer Output Drawing Formats

DOCUMENT NUMBER: A-DS-EL00013-03-0000 ORDER NUMBER: EL-00013-03
RELEASED REVISION AND DATE: E, 13-Feb-1986
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Mark Moynihan, VMS Systems and Servers
ABSTRACT: This section describes the computer-produced Engineering drawing formats and forms that are accepted to either replace or provide an alternative to preprinted formats and forms. If descriptions and instructions on how to use specific forms are available in other Digital standards, those standards are referenced and samples are not included in this section.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 013-4 Standard Engineering Drawing Formats and Forms - Pre-Printed Forms

DOCUMENT NUMBER: A-DS-EL00013-04-0000 ORDER NUMBER: EL-00013-04
RELEASED REVISION AND DATE: F, 10-Apr-1985
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Mark Moynihan, VMS Systems and Servers
ABSTRACT: This section lists essential pre-printed forms used throughout the engineering organization. Included are samples of many forms that are referred to by the standards in the Digital Standards System. Examples are included for identification. Where descriptions and instructions on how to use specific forms are provided in other Digital Standards, Those standards are referenced, and samples are not included in this section.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 013-5 Standard Engineering Drawing Formats and Forms - PC Mats

DOCUMENT NUMBER: A-DS-EL00013-05-0000 ORDER NUMBER: EL-00013-05
DATE: 22-Feb-1989
ABSTRACT: This document has been inactivated. The information is no longer applicable. There is no replacement.

DEC STD 014-0 Revision Control of Engineering Documentation: Requirements and Methods

DOCUMENT NUMBER: A-DS-EL00014-00-0000 ORDER NUMBER: EL-00014-00
DATE: 28-Aug-1987
ABSTRACT: This document has been inactivated. The information from this standard has been incorporated into DEC STD 012-0 Part Identification Standard.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 015-0 Abbreviations and Units of Measurement

DOCUMENT NUMBER:	A-DS-EL00015-00-0000	ORDER NUMBER:	EL-00015-00
RELEASED REVISION AND DATE:	F, 08-Apr-1991	EXPIRATION DATE:	08-Apr-1993
MANAGEMENT CATEGORY:	Cross Documentation Vocabulary and Practices (TDV)		
RESPONSIBLE PERSON:	Allan Kent, Systems Integration Engineering		
ABSTRACT:	This standard requires the use of SI (metric) units of measurement and unit symbols for all quantities by all Digital personnel who produce or procure documentation, including drawings, manuals, and advertising for commerce in the European Economic Community (ECC). The use of dual units is allowed. This standard also provides abbreviations for use on engineering drawings and recommended for use in all documents. Conversion factors for U.S. customary units are provided.		

DEC STD 016-0 Printed-Wiring Board and Module Manufacturing Terminology

DOCUMENT NUMBER:	A-DS-EL00016-00-0000	ORDER NUMBER:	EL-00016-00
RELEASED REVISION AND DATE:	D, 17-Jan-1992	EXPIRATION DATE:	17-Jan-1993
MANAGEMENT CATEGORY:	Board Manufacture (MB)		
RESPONSIBLE PERSON:	Gerry Gagnon, Corporate Printed-Wiring Boards		
ABSTRACT:	This manufacturing standard establishes terms and definitions to assure consistent use of all printed-wiring board and module manufacturing terminology that might appear in Digital documents.		

DEC STD 017-0 Quality Assurance System Requirements

DOCUMENT NUMBER:	A-DS-EL00017-00-0000	ORDER NUMBER:	EL-00017-00
RELEASED REVISION AND DATE:	A, 08-Aug-1991	EXPIRATION DATE:	08-Aug-1993
MANAGEMENT CATEGORY:	Quality, General (MQ)		
RESPONSIBLE PERSON:	Robert Kennedy, Corporate Quality Office		
ABSTRACT:	This document states the policy and gives requirements for the establishment, operation, and third-party registration of quality assurance systems.		

DEC STD 017-1 - ISO 9001 - Quality Systems - Model for Quality Assurance in Design/Development, Production, Installation and Servicing

DOCUMENT NUMBER:	A-DS-EL00017-01-0000	ORDER NUMBER:	EL-00017-01
RELEASED REVISION AND DATE:	A, 17-Jun-1991	EXPIRATION DATE:	17-Jun-1993
MANAGEMENT CATEGORY:	Quality, General (MQ)		
RESPONSIBLE PERSON:	Robert Kennedy, Corporate Quality Office		
ABSTRACT:	This standard is identical to ISO 9001, first edition, 1987 (E). The text is reproduced with permission from the International Organization for Standardization, for use only within Digital Equipment Corporation. This standard specifies quality system requirements for use where a contract between two parties requires the demonstration of a supplier's capability to design and supply a product. The requirements specified in this standard are aimed primarily at preventing nonconformity at all stages of development from design to servicing.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 017-2 - ISO 9002 - Quality Systems - Model for Quality Assurance in Production and Installation

DOCUMENT NUMBER: A-DS-EL00017-02-0000 ORDER NUMBER: EL-00017-02
RELEASED REVISION AND DATE: A, 17-Jun-1991 EXPIRATION DATE: 17-Jun-1993
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Robert Kennedy, Corporate Quality Office
ABSTRACT: This standard is identical to ISO 9002, first edition, 1987 (E). The text is reproduced with permission from the International Organization for Standardization for use only within Digital Equipment Corporation. This standard specifies quality system requirements for use where a contract between two parties requires the demonstration of a supplier's capability to control the processes that determine the acceptability of a product supplied. The requirements in this standard are aimed at preventing and detecting any nonconformity during production and installation and preventing recurrence.

DEC STD 017-3 - ISO 9003 - Quality Systems - Model for Quality Assurance in Final Inspection and Test

DOCUMENT NUMBER: A-DS-EL00017-03-0000 ORDER NUMBER: EL-00017-03
RELEASED REVISION AND DATE: A, 17-Jun-1991 EXPIRATION DATE: 17-Jun-1993
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Robert Kennedy, Corporate Quality Office
ABSTRACT: This standard is identical to ISO 9003, first edition, 1987 (E). The text is reproduced with permission from the International Organization for Standardization for use only within Digital Equipment Corporation. This standard specifies quality system requirements for use when a contract between two parties requires the demonstration of a supplier's capability to detect and control the disposition of any product nonconformity during final inspection and test. This standard is applicable in contractual situations when the conformance of the product to specified requirements can be confidently shown.

Lettering

DOCUMENT NUMBER: A-DS-EL00018-00-0000 ORDER NUMBER: EL-00018-00
DATE: 21-Jun-1979
ABSTRACT: This standard has been inactivated and replaced by DEC STD 182.

Decimal Dimensions

DOCUMENT NUMBER: A-DS-EL00019-00-0000 ORDER NUMBER: EL-00019-00
DATE: 20-Oct-1982
ABSTRACT: No Abstract Available

DEC STD 020-0 Cast Metal Parts

DOCUMENT NUMBER: A-DS-EL00020-00-0000 ORDER NUMBER: EL-00020-00
RELEASED REVISION AND DATE: C1, 11-Sep-1989 EXPIRATION DATE: 02-Oct-1992
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Dick Ceremsak, Advanced Materials and Process Technology (AMPT)
ABSTRACT: This standard is a source of information for specifying raw materials for use in making cast metal parts. Attendant material and part quality requirements are also included.

DEC STD 021-0 Harness Drawing

DOCUMENT NUMBER: A-DS-EL00021-00-0000 ORDER NUMBER: EL-00021-00
DATE: 21-Oct-1980
ABSTRACT: This standard has been inactivated; there is no replacement.

DEC STD 022-0 Cable and Harness Documentation: Part Identification Requirements

DOCUMENT NUMBER: A-DS-EL00022-00-0000 ORDER NUMBER: EL-00022-00
RELEASED REVISION AND DATE: E1, 06-Mar-1990 EXPIRATION DATE: 15-Jul-1992
MANAGEMENT CATEGORY: Cables and Harnesses (HPC)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This standard defines the part numbering system for cables and harnesses.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 022-1 Cable and Harness Documentation: Drawing Requirements for 70-Class and Option Numbers

DOCUMENT NUMBER: A-DS-EL00022-01-0000 ORDER NUMBER: EL-00022-01
RELEASED REVISION AND DATE: C1, 01-Nov-1990 EXPIRATION DATE: 01-Nov-1992
MANAGEMENT CATEGORY: Cables and Harnesses (HPC)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This section of DEC STD 022 defines the drawing requirements for cable and harness design and assembly documentation.

DEC STD 023-0 Circuit Schematic

DOCUMENT NUMBER: A-DS-EL00023-00-0000 ORDER NUMBER: EL-00023-00
DATE: 01-Jul-1980
ABSTRACT: Inactivated: refer to DEC STD 056-0 Symbology - Circuit Schematic Requirements.

DEC STD 024-0 Top Document Requirements

DOCUMENT NUMBER: A-DS-EL00024-00-0000 ORDER NUMBER: EL-00024-00
RELEASED REVISION AND DATE: D, 04-Oct-1984 EXPIRATION DATE: 18-Aug-1989
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Debra Forsberg, Technical Information Management
ABSTRACT: Defines the requirements for Top Documents, establishes the concept of document sets, and provides examples to aid in identifying Top Documents.

DEC STD 024-1 Top Document Requirements - DRB 126C Format

DOCUMENT NUMBER: A-DS-EL00024-01-0000 ORDER NUMBER: EL-00024-01
RELEASED REVISION AND DATE: C1, 04-Jan-1991 EXPIRATION DATE: 04-Jan-1992
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Debra Forsberg, Technical Information Management
ABSTRACT: This section defines the content requirements for drawing directory format DRB 126C when used as a Top Document.

DEC STD 024-2 Top Document Requirements - Formats Other Than DRB 126C

DOCUMENT NUMBER: A-DS-EL00024-02-0000 ORDER NUMBER: EL-00024-02
RELEASED REVISION AND DATE: A1, 04-Jan-1991 EXPIRATION DATE: 04-Jan-1992
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Debra Forsberg, Technical Information Management
ABSTRACT: This section defines the content requirements for Top Documents that are not DRB 126C Drawing Directories.

DEC STD 025-0 Parts Lists

DOCUMENT NUMBER: A-DS-EL00025-00-0000 ORDER NUMBER: EL-00025-00
RELEASED REVISION AND DATE: D, 07-Jul-1983 EXPIRATION DATE: 07-Jul-1984
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Debbie Forsberg, Technical Information Management
ABSTRACT: Establishes the information content and format for parts lists used in the design and manufacture of Digital hardware products.

Manual Parts List

DOCUMENT NUMBER: A-DS-EL00025-01-0000 ORDER NUMBER: EL-00025-01
DATE: 07-Jul-1983
ABSTRACT: This document has been inactivated; the information has been consolidated into DEC STD 025-0 Parts List.

Table 3 (Cont.): Documents Sorted By Order Number

Automated Parts List

DOCUMENT NUMBER: A-DS-EL00025-02-0000 ORDER NUMBER: EL-00025-02
DATE: 07-Jul-1983
ABSTRACT: This document has been inactivated; the information has been incorporated into DEC STD 025-0 Parts Lists

DEC STD 026-0 Documentation Requirements and Process for Internally-Designed Hybrid Assemblies

DOCUMENT NUMBER: A-DS-EL00026-00-0000 ORDER NUMBER: EL-00026-00
DATE: 01-Jul-1986
ABSTRACT: Document is inactivated with no replacement.

DEC STD 028-0 Phase Review Policy

DOCUMENT NUMBER: A-DS-EL00028-00-0000 ORDER NUMBER: EL-00028-00
RELEASED REVISION AND DATE: C, 01-Nov-1990 EXPIRATION DATE: 01-Nov-1992
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Walt Soltysik, Engineering Product Planning
ABSTRACT: This standard provides the foundation for an understanding of the Phase Review Policy and implementation of the Phase Review Process.

DEC STD 028-1 Corporate Product Phase Down Policy

DOCUMENT NUMBER: A-DS-EL00028-01-0000 ORDER NUMBER: EL-00028-01
RELEASED REVISION AND DATE: A, 28-Apr-1989 EXPIRATION DATE: 15-Jul-1992
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Ingrid Campbell, Inventory Program Team (IPT) Program Office
ABSTRACT: This document describes Digital's Product Phase Down policy on all products it sells, licenses, and services. This policy covers the Product Phase Down (PPD) segment of the Digital worldwide life cycle management process. Product Phase Down includes the migration from old product to new product, the ongoing maintenance and support of Digital's customer base, and the effective management of corporate assets.

DEC STD 029-0 Graphic COM System: Requirements and Procedures

DOCUMENT NUMBER: A-DS-EL00029-00-0000 ORDER NUMBER: EL-00029-00
DATE: 10-Jul-1990
ABSTRACT: This standard has been inactivated by the release of DEC STD 093-0 Capturing, Storing, and Distributing Engineering Documentation with Electronic and Graphic COM Systems.

DEC STD 030-0 Module Manufacturing Standard - Introduction and General Information

DOCUMENT NUMBER: A-DS-EL00030-00-0000 ORDER NUMBER: EL-00030-00
RELEASED REVISION AND DATE: S, 17-Jun-1991
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Kathy Bailey, Engineering Tools, Methods, and Standards
ABSTRACT: This section of DEC STD 030 has been replaced by Chapter 1 of the Electronics Technology File, EL-MF786-00. For additional information on the Techfiles, access VTX TECHFILES.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 030 Module Manufacturing Standard

DOCUMENT NUMBER: A-MN-EL00030-00-0000 ORDER NUMBER: EL-00030-00
DATE: 02-Jan-1990
ABSTRACT: This document has been inactivated. Replaced by A-MN-ELSM030-00-0.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 030-1 Module Manufacturing Standard - General Producibility Requirements

DOCUMENT NUMBER:	A-DS-EL00030-01-0000	ORDER NUMBER:	EL-00030-01
RELEASED REVISION AND DATE:	E, 17-Jun-1991	EXPIRATION DATE:	17-Jun-1993
MANAGEMENT CATEGORY:	Board, Module, and Backplane (HPB)		
RESPONSIBLE PERSON:	Kathy Bailey, Engineering Tools, Methods, and Standards		
ABSTRACT:	This section of DEC STD 030 provides general rules and guidelines for making early design decisions. It also provides the review and approval process required by Producibility Engineering to ensure that a new module, power supply, or backplane is produced at the lowest possible manufacturing cost and that volume deliveries will be made within the shortest time cycle.		

DEC STD 030-2 Module Manufacturing Standard - Product Safety Requirements

DOCUMENT NUMBER:	A-DS-EL00030-02-0000	ORDER NUMBER:	EL-00030-02
RELEASED REVISION AND DATE:	D, 30-Nov-1989	EXPIRATION DATE:	15-Jul-1993
MANAGEMENT CATEGORY:	Board, Module, and Backplane (HPB)		
RESPONSIBLE PERSON:	Gerry Gagnon, Corporate Printed-Wiring Boards		
ABSTRACT:	This section of DEC STD 030 provides the minimum product safety requirements for all printed-wiring boards.		

DEC STD 030-3 Module Manufacturing Standard - Component Selection Rules

DOCUMENT NUMBER:	A-DS-EL00030-03-0000	ORDER NUMBER:	EL-00030-03
RELEASED REVISION AND DATE:	D, 17-Jun-1991	EXPIRATION DATE:	17-Jun-1992
MANAGEMENT CATEGORY:	Board, Module, and Backplane (HPB)		
RESPONSIBLE PERSON:	Matt Ruston, Design Application Engineering		
ABSTRACT:	This section of DEC STD 030 provides rules and guidelines for selecting components for all printed-wiring boards.		

DEC STD 030-4 Module Manufacturing Standard - Printed-Wiring Board Design Requirements

DOCUMENT NUMBER:	A-DS-EL00030-04-0000	ORDER NUMBER:	EL-00030-04
RELEASED REVISION AND DATE:	E, 17-Jun-1991	EXPIRATION DATE:	17-Jun-1993
MANAGEMENT CATEGORY:	Board, Module, and Backplane (HPB)		
RESPONSIBLE PERSON:	Gerry Gagnon, Corporate Printed-Wiring Boards		
ABSTRACT:	This section of DEC STD 030 provides the design and design selection requirements for all printed-wiring boards.		

DEC STD 030-5 Module Manufacturing Standard - Module Assembly and Component Insertion Rules

DOCUMENT NUMBER:	A-DS-EL00030-05-0000	ORDER NUMBER:	EL-00030-05
RELEASED REVISION AND DATE:	E, 17-Jun-1991	EXPIRATION DATE:	17-Jun-1993
MANAGEMENT CATEGORY:	Board, Module, and Backplane (HPB)		
RESPONSIBLE PERSON:	Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)		
ABSTRACT:	This section of DEC STD 030 provides the design requirements for all module assemblies.		

DEC STD 030-6 Module Manufacturing Standard - Module Testability Rules

DOCUMENT NUMBER:	A-DS-EL00030-06-0000	ORDER NUMBER:	EL-00030-06
RELEASED REVISION AND DATE:	D, 30-Nov-1989	EXPIRATION DATE:	30-Nov-1990
MANAGEMENT CATEGORY:	Board, Module, and Backplane (HPB)		
RESPONSIBLE PERSON:	Steve Moro, Computer Systems Manufacturing Engineering		
ABSTRACT:	This section of DEC STD 030 explains the rules, functions, and organizations involved in testability consultation and the test process strategy for bare boards and modules.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 030-7 Module Manufacturing Standard - Backplane Rules and Related Factors

DOCUMENT NUMBER: A-DS-EL00030-07-0000 ORDER NUMBER: EL-00030-07
RELEASED REVISION AND DATE: E, 17-Jun-1991 EXPIRATION DATE: 17-Jun-1992
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Keenan, New Products Producibility
ABSTRACT: This section of DEC STD 030 provides the design rules and related factors regarding the design, assembly, and test of all backplanes. Refer to DEC STD 030-0 through 030-10 for other requirements not covered in this text.

DEC STD 030-8 Module Manufacturing Standard - Rules for Power Supplies and Nonplug-in Modules

DOCUMENT NUMBER: A-DS-EL00030-08-0000 ORDER NUMBER: EL-00030-08
RELEASED REVISION AND DATE: D, 30-Nov-1989 EXPIRATION DATE: 30-Nov-1992
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This section of DEC STD 030 provides the design rules specific to power supplies and nonplug-in modules. Power supplies include both digital and analog designs as well as other fingerless modules.

DEC STD 030-9 Module Manufacturing Standard - Surface Mount Technology Design Rules

DOCUMENT NUMBER: A-DS-EL00030-09-0000 ORDER NUMBER: EL-00030-09
DATE: 30-Nov-1989
ABSTRACT: This section of DEC STD 030 has been inactivated. Its surface mount technology rules have been placed into sections -01, -03, -04, -05, and -06 of EL-SM030-00, DEC STD 030-0 Module Manufacturing Standard (all sections). DEC STD 030-10 Module Manufacturing Standard - Footprint Design Rules for Surface Mount Technology provides footprint design rules for surface mount components. EL-EN705-00 Footprint Patterns for Surface Mount Technology contains the footprint patterns previously provided in DEC STD 030-10.

DEC STD 030-10 Module Manufacturing Standard - Footprint Design for Surface Mount Technology

DOCUMENT NUMBER: A-DS-EL00030-10-0000 ORDER NUMBER: EL-00030-10
RELEASED REVISION AND DATE: B, 30-Nov-1989 EXPIRATION DATE: 30-Nov-1990
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Amalendu Sanyal, Interconnect Technology and Process Development (ITPD)
ABSTRACT: This section of DEC STD 030 contains the design requirements for developing new footprint patterns under the Surface Mount program. EL-EN705-00, Footprint Patterns for Surface Mount Technology, now contains the pin locations and soldermask and solderpaste dimensions for each footprint pattern [formerly contained in this standard].

Index to DEC STD 030 - Module Manufacturing Standard

DOCUMENT NUMBER: A-GL-EL00030-IN-0000 ORDER NUMBER: EL-00030-IN
RELEASED REVISION AND DATE: E, 17-Jun-1991
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Kathy Bailey, Appiled Module/PWB Technology (AMPT) Producibility
ABSTRACT: This document includes a master index and a numerical listing of rules for all sections of the DEC STD manual.

DEC STD 031-0 Product Serialization

DOCUMENT NUMBER: A-DS-EL00031-00-0000 ORDER NUMBER: EL-00031-00
DATE: 16-Jan-1986
ABSTRACT: This document is inactive and replaced by DEC STD 178-3 Digital Marking Requirements for Completed Products Intended to be Sold, Rev. D.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 031-1 Product Model Changes

DOCUMENT NUMBER: A-DS-EL00031-01-0000 ORDER NUMBER: EL-00031-01
DATE: 16-Jan-1986
ABSTRACT: This document has been replaced by DEC STD 178-3 Digital Marking Requirements For Completed Products Intended to be Sold.

DEC STD 031-2 Site/Building Code

DOCUMENT NUMBER: A-DS-EL00031-02-0000 ORDER NUMBER: EL-00031-02
RELEASED REVISION AND DATE: E, 19-Jun-1992 EXPIRATION DATE: 19-Jun-1993
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Robert Ashton, Real Estate Planning and Assets Group
ABSTRACT: This standard specifies how to use the 3-character alphabetic site identifier and the 2-character alphanumeric building identifier as defined in the Digital Site Code Reference System (SITES). This standard does not affect existing processes using site codes, but allows for greater detail through identification of buildings within a site.

DEC STD 032-0 VAX Architecture Standard

DOCUMENT NUMBER: A-DS-EL00032-00-0000 ORDER NUMBER: EL-00032-00
RELEASED REVISION AND DATE: J, 15-Dec-1989 EXPIRATION DATE: 15-Jul-1992
MANAGEMENT CATEGORY: VAX System Architecture and Interconnect (SHV)
RESPONSIBLE PERSON: Audrey Reith, VAX Architecture
ABSTRACT: The VAX Architecture Standard is the definition of the VAX architecture. It specifies the operations provided by all VAX processors, and specifies constraints on software intended to run on VAX processors.

DEC STD 032-1 VAX Architecture Standard - Introduction

DOCUMENT NUMBER: A-DS-EL00032-01-0000 ORDER NUMBER: EL-00032-01
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-2 VAX Architecture Standard - Basic Architecture

DOCUMENT NUMBER: A-DS-EL00032-02-0000 ORDER NUMBER: EL-00032-02
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-3 VAX Architecture Standard - Instruction Formats and Addressing Modes

DOCUMENT NUMBER: A-DS-EL00032-03-0000 ORDER NUMBER: EL-00032-03
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-4 VAX Architecture Standard - Instructions

DOCUMENT NUMBER: A-DS-EL00032-04-0000 ORDER NUMBER: EL-00032-04
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-5 VAX Architecture Standard - Memory Management

DOCUMENT NUMBER: A-DS-EL00032-05-0000 ORDER NUMBER: EL-00032-05
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 032-6 VAX Architecture Standard - Exceptions and Interrupts
DOCUMENT NUMBER: A-DS-EL00032-06-0000 ORDER NUMBER: EL-00032-06
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-7 VAX Architecture Standard - Process Structure
DOCUMENT NUMBER: A-DS-EL00032-07-0000 ORDER NUMBER: EL-00032-07
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-8 VAX Architecture Standard - System Architecture and Programming Implications
DOCUMENT NUMBER: A-DS-EL00032-08-0000 ORDER NUMBER: EL-00032-08
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-9 VAX Architecture Standard - Privileged Registers
DOCUMENT NUMBER: A-DS-EL00032-09-0000 ORDER NUMBER: EL-00032-09
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032 VAX Architecture Standard - Appendix E: Architectural Subsetting
DOCUMENT NUMBER: A-DS-EL00032-0E-0000 ORDER NUMBER: EL-00032-0E
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

Instruction Sets and Op Code Assignments
DOCUMENT NUMBER: A-DS-EL00032-0F-0000 ORDER NUMBER: EL-00032-0F
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

Multiprecision Arithmetic
DOCUMENT NUMBER: A-DS-EL00032-0H-0000 ORDER NUMBER: EL-00032-0H
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

PDP–11 To VAX–11 Conversion Guide
DOCUMENT NUMBER: A-DS-EL00032-0I-0000 ORDER NUMBER: EL-00032-0I
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

Address Validation Rules
DOCUMENT NUMBER: A-DS-EL00032-0J-0000 ORDER NUMBER: EL-00032-0J
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-10 VAX Architecture Standard - PDP–11 Compatibility Mode
DOCUMENT NUMBER: A-DS-EL00032-10-0000 ORDER NUMBER: EL-00032-10
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 032-11 VAX Architecture Standard - System Bootstrapping and Console

DOCUMENT NUMBER: A-DS-EL00032-11-0000 ORDER NUMBER: EL-00032-11
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 032-12 VAX Architecture Standard - Implementation Dependencies

DOCUMENT NUMBER: A-DS-EL00032-12-0000 ORDER NUMBER: EL-00032-12
DATE: 20-May-1985
ABSTRACT: This document has been inactivated; refer to DEC STD 032-0.

DEC STD 033-0 Microfilm Aperture Cards — Creation and Distribution Process

DOCUMENT NUMBER: A-DS-EL00033-00-0000 ORDER NUMBER: EL-00033-00
RELEASED REVISION AND DATE: C1, 17-Oct-1989
MANAGEMENT CATEGORY: Micrographics (TTM)
RESPONSIBLE PERSON: Gerry Marini, Engineering Information and Image Services
ABSTRACT: This standard describes the microfilm aperture card creation and distribution process for engineering documentation. It also defines the format and quality requirements for microfilm aperture cards, and provides the procedures for establishing and maintaining a Microfilm Reference Library.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 033-1 Microfilm Aperture Cards — Requirements

DOCUMENT NUMBER: A-DS-EL00033-01-0000 ORDER NUMBER: EL-00033-01
RELEASED REVISION AND DATE: C2, 16-Sep-1991 EXPIRATION DATE: 16-Sep-1992
MANAGEMENT CATEGORY: Micrographics (TTM)
RESPONSIBLE PERSON: Gerry Marini, Engineering Information and Image Services
ABSTRACT: This section defines the format and quality requirements for microfilm aperture cards containing engineering documentation.

DEC STD 033-2 Microfilm Aperture Cards — Microfilm Reference Library Setup and Maintenance Procedures

DOCUMENT NUMBER: A-DS-EL00033-02-0000 ORDER NUMBER: EL-00033-02
RELEASED REVISION AND DATE: B2, 20-Aug-1991 EXPIRATION DATE: 20-Aug-1992
MANAGEMENT CATEGORY: Micrographics (TTM)
RESPONSIBLE PERSON: Gerry Marini, Engineering Information and Image Services
ABSTRACT: This section provides the procedures for establishing a microfilm reference library for microfilm aperture cards.

DEC STD 035-0 Hardware Manual Covers: Content and Format Requirements

DOCUMENT NUMBER: A-DS-EL00035-00-0000 ORDER NUMBER: EL-00035-00
DATE: 05-Oct-1988
ABSTRACT: This standard has been inactivated; current information on hardware manual covers is contained in DEC STD 073-0 Manufacturing and Packaging for Publications

Distributed Systems General Design Maturity Test Plan

DOCUMENT NUMBER: A-DX-EL00036-01-TW00 ORDER NUMBER: EL-00036-01-TW00
RELEASED REVISION AND DATE: A, 04-Aug-1982
MANAGEMENT CATEGORY: Reliability Testing (HTR)
RESPONSIBLE PERSON: Joe Kurta, Digital Services
ABSTRACT: The Distributed Systems general design maturity test (DMT) plan describes in detail the design maturity test requirements, with only product-specific information needed to be entered. This provides for DMT consistency for all Distributed Systems products.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 038-0 System Evaluation of New Products - General

DOCUMENT NUMBER:	A-DS-EL00038-00-0000	ORDER NUMBER:	EL-00038-00
RELEASED REVISION AND DATE:	A, 18-Nov-1982	EXPIRATION DATE:	15-Mar-1988
MANAGEMENT CATEGORY:	System Parameter Test (HTS)		
RESPONSIBLE PERSON:	Bob Shelton, Systems Evaluation Engineering Advanced Development		
ABSTRACT:	Describes the systems-level testing that Systems Evaluation Engineering (SEE) recommends for Digital's new products. Testing concentrates on the interaction between a new product undergoing test and the software and hardware that constitute its system environment.		

DEC STD 038-1 Systems Evaluation of New Products - Software

DOCUMENT NUMBER:	A-DS-EL00038-01-0000	ORDER NUMBER:	EL-00038-01
RELEASED REVISION AND DATE:	A, 18-Nov-1982	EXPIRATION DATE:	15-Mar-1988
MANAGEMENT CATEGORY:	System Parameter Test (HTS)		
RESPONSIBLE PERSON:	Bob Shelton, Systems Evaluation Engineering Advanced Development		
ABSTRACT:	Describes the types of system-level testing recommended by Systems Evaluation Engineering (SEE) for the evaluation of a software product. The goals, procedures, and success criteria for each type of evaluation are included.		

DEC STD 038-2 Systems Evaluation of New Products - Hardware

DOCUMENT NUMBER:	A-DS-EL00038-02-0000	ORDER NUMBER:	EL-00038-02
RELEASED REVISION AND DATE:	A, 18-Nov-1982	EXPIRATION DATE:	15-Mar-1988
MANAGEMENT CATEGORY:	System Parameter Test (HTS)		
RESPONSIBLE PERSON:	Bob Shelton, Systems Evaluation Engineering Advanced Development		
ABSTRACT:	Describes the types of system-level testing recommended by Systems Evaluation Engineering (SEE) for the evaluation of a hardware product. The goals, procedures, and success criteria for each type of evaluation are included.		

Manufacturing Process Guidelines: Fine Line Technology

DOCUMENT NUMBER:	A-DS-EL00040-00-0000	ORDER NUMBER:	EL-00040-00
DATE:	09-Oct-1985		
ABSTRACT:	This document has been inactivated. There is no replacement.		

DEC STD 041-0 Customer Installability: Product Requirements

DOCUMENT NUMBER:	A-DS-EL00041-00-0000	ORDER NUMBER:	EL-00041-00
RELEASED REVISION AND DATE:	C, 03-Jan-1991	EXPIRATION DATE:	03-Jan-1993
MANAGEMENT CATEGORY:	Customer Installability (HCC)		
RESPONSIBLE PERSON:	Betsy Comstock, Human Factors Engineering		
ABSTRACT:	This standard outlines policy and requirements for customer-installable systems, hardware, and software products. It defines responsibilities and requirements for communications, site preparation, shipping, delivery, unpacking, installing, and verification of a customer-installable product.		

DEC STD 042-0 Hardware Installation Manuals for Customer-Installable Products

DOCUMENT NUMBER:	A-DS-EL00042-00-0000	ORDER NUMBER:	EL-00042-00
RELEASED REVISION AND DATE:	A, 28-Oct-1982	EXPIRATION DATE:	28-Oct-1985
MANAGEMENT CATEGORY:	Hardware Manuals (TDEM)		
RESPONSIBLE PERSON:	Susan Fields-Tamker, Educational Services Development and Publishing		
ABSTRACT:	This standard establishes requirements for customer hardware installation manuals for customer-installable products. It defines the responsibilities of each group associated with the development of such manuals, explains conformance, defines target audience, outlines manual objectives, and discusses style, manual content and production requirements.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 043-0 Packaging Requirements for Digital Products, Parts, Assemblies, and Materials

DOCUMENT NUMBER:	A-DS-EL00043-00-0000	ORDER NUMBER:	EL-00043-00
RELEASED REVISION AND DATE:	C, 31-May-1991	EXPIRATION DATE:	31-May-1993
MANAGEMENT CATEGORY:	Industrial Packaging (HPP)		
RESPONSIBLE PERSON:	Norman Burke, Industrial Package Engineering (IPE)		
ABSTRACT:	This standard describes Digital's packaging requirements for shipments between Digital facilities, from vendors to Digital, and from Digital to customers. It defines requirements for pallet and carton size, weight and environmental protection. It defines packaging requirements for sheets, blanks, or coils of steel or aluminum. (Refer to DEC STD 043-1.) Complementing this standard is DEC STD 045-0 Packaging Products for International Shipment -Introduction and EL-MF425-00 Procedures for Consolidating Packaged Products for Domestic and/or International Shipment.		

DEC STD 043-1 Packaging Requirements - Sheets, Blanks, or Coils of Steel or Aluminum

DOCUMENT NUMBER:	A-DS-EL00043-01-0000	ORDER NUMBER:	EL-00043-01
RELEASED REVISION AND DATE:	B1, 15-Jun-1990	EXPIRATION DATE:	16-Jun-1991
MANAGEMENT CATEGORY:	Industrial Packaging (HPP)		
RESPONSIBLE PERSON:	Norman Burke, Industrial Package Engineering (IPE)		
ABSTRACT:	This section of DEC STD 043 defines Digital's requirements for packaging steel or aluminum sheets, blanks, or coils. Refer to DEC STD 043-0 Packaging Requirements for Digital Products, Parts, Assemblies, and Materials for other Packaging requirements.		

DEC STD 044-0 Packaging Documentation Requirements

DOCUMENT NUMBER:	A-DS-EL00044-00-0000	ORDER NUMBER:	EL-00044-00
RELEASED REVISION AND DATE:	B2, 31-Jul-1991	EXPIRATION DATE:	31-Jul-1992
MANAGEMENT CATEGORY:	Industrial Packaging (HPP)		
RESPONSIBLE PERSON:	Nelson Simkins, Industrial Package Engineering		
ABSTRACT:	This standard defines requirements to document protective packaging of Digital parts and products. It also defines the process for creating and releasing package assembly documents as part of a product's engineering design documentation.		

DEC STD 045-0 Packaging Products for International Shipment - Introduction

DOCUMENT NUMBER:	A-DS-EL00045-00-0000	ORDER NUMBER:	EL-00045-00
RELEASED REVISION AND DATE:	D, 30-Nov-1990	EXPIRATION DATE:	30-Dec-2000
MANAGEMENT CATEGORY:	Industrial Packaging (HPP)		
RESPONSIBLE PERSON:	Norman Burke, Industrial Package Engineering (IPE)		
ABSTRACT:	This document describes the principles of Digital's international packaging requirements for finished goods intended to be sold to customers. It includes specific instructions on how to determine packaging requirements by country of destination and mode of transport. It also contains information about contract crating and Digital's International Distribution Programs.		

DEC STD 045-1 Packaging Products for International Shipment - Design Requirements and Procedures

DOCUMENT NUMBER:	A-DS-EL00045-01-0000	ORDER NUMBER:	EL-00045-01
RELEASED REVISION AND DATE:	B1, 05-Sep-1990	EXPIRATION DATE:	05-Sep-1993
MANAGEMENT CATEGORY:	Industrial Packaging (HPP)		
RESPONSIBLE PERSON:	Norman Burke, Industrial Package Engineering (IPE)		
ABSTRACT:	This document contains mandatory design requirements for packaging used to protect finished goods intended to be internationally shipped to customers. It also includes an appendix that specifies the dimensions of transport vehicles and handling devices used by Digital for the international distribution of packaged products.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 047-0 Bar Code: Symbology Standard

DOCUMENT NUMBER: A-DS-EL00047-00-0000 ORDER NUMBER: EL-00047-00
RELEASED REVISION AND DATE: C, 27-Jul-1987
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Dale Foresythe, Auto ID Program Office
ABSTRACT: This standard describes the bar code symbology to be used throughout Digital Equipment Corporation.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 047-1 Bar Code: Product ID and Carton Label Standard

DOCUMENT NUMBER: A-DS-EL00047-01-0000 ORDER NUMBER: EL-00047-01
RELEASED REVISION AND DATE: B, 30-May-1990
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Dale Foresythe, Auto ID Program Office
ABSTRACT: This standard specifies content, format, and physical requirements for bar code labeling of products and shipping cartons and containers.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 048-0 Metallic Raw Material Selection and Identification

DOCUMENT NUMBER: A-DS-EL00048-00-0000 ORDER NUMBER: EL-00048-00
RELEASED REVISION AND DATE: J1, 16-Jan-1992 EXPIRATION DATE: 16-Jan-1993
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Richard Ceremsak, Advanced Materials and Process Technology (AMPT)
ABSTRACT: This standard describes 48-class Material Identifiers and Part Numbers. It also provides cross-reference information to other documents that are used for identifying and selecting raw materials.

DEC STD 049-0 Document Transmission (DX) Standard

DOCUMENT NUMBER: A-DS-EL00049-00-0000 ORDER NUMBER: EL-00049-00
RELEASED REVISION AND DATE: A1, 20-Apr-1990 EXPIRATION DATE: 20-Apr-1991
MANAGEMENT CATEGORY: Document Transmission (SB)
RESPONSIBLE PERSON: Al Breveleri, Applications and Time Sharing Engineering (ATSE)
ABSTRACT: This standard defines protocol levels for document transmission in the office interconnect environment. This includes: a data communication physical level, a data link level, and an application level. It also includes a definition of 'document' for use by office products, and a file format for use by layered office.

Standard Engineering Preprinted Formats

DOCUMENT NUMBER: A-DS-EL00050-00-0000 ORDER NUMBER: EL-00050-00
DATE: 26-Mar-1981
ABSTRACT: This standard has been inactivated; refer to DEC STD 013.

DEC STD 051-0 Standard Coded Character Set

DOCUMENT NUMBER: A-DS-EL00051-00-0000 ORDER NUMBER: EL-00051-00
DATE: 27-Nov-1985
ABSTRACT: This document is inactivated with no replacement.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 052-0 Operational Requirements for Serial Terminals and Computer Interfaces Operating as DTEs Connected to EIA RS-232-C or CCITT V.28 Modems

DOCUMENT NUMBER:	A-DS-EL00052-00-0000	ORDER NUMBER:	EL-00052-00
RELEASED REVISION AND DATE:	B, 13-Sep-1984	EXPIRATION DATE:	10-Jul-1987
MANAGEMENT CATEGORY:	Telecommunications (HRT)		
RESPONSIBLE PERSON:	Jan Purwin, Backbone Networking Product Engineering		
ABSTRACT:	This section of DEC STD 052 provides the definitions and terminology that are used in serial data communications and in particular, in the other parts of this standard. They are applicable to serial, asynchronous and synchronous, manual and automatic, originate and answer data terminal equipment [terminals and computers] connected as 'data leads only' or 'full modem control', point to point or multipoint, two-way simultaneous or two-way alternate terminations of modems that is DCEs.		

DEC STD 052-1 Operational Requirements for Serial Terminals and Serial System Interfaces Operating as DTEs Connected to EIA/TIA-232-E or CCITT V.28

DOCUMENT NUMBER:	A-DS-EL00052-01-0000	ORDER NUMBER:	EL-00052-01
RELEASED REVISION AND DATE:	D, 09-Sep-1991	EXPIRATION DATE:	09-Sep-1992
MANAGEMENT CATEGORY:	Telecommunications (HRT)		
RESPONSIBLE PERSON:	Jan Purwin, Backbone Network Product Engineering		
ABSTRACT:	This standard defines the operational interface characteristics of serial terminals and serial system interfaces operating as manual originate or answer or as automatic answer data terminal equipments (DTEs) connected to either 'data leads only' or 'full-modem control' point-to-point modems (DCEs) whose interfaces generally conform to EIA/TIA-232-E or CCITT recommendation V.28. This standard also covers manual and automatic disconnection of the DTE at the end of a call.		

DEC STD 052-2 Electrical Requirements for Binary Interfaces That Conform to EIA RS-232-C or CCITT V.28 Modems

DOCUMENT NUMBER:	A-DS-EL00052-02-0000	ORDER NUMBER:	EL-00052-02
RELEASED REVISION AND DATE:	A, 16-Jan-1986	EXPIRATION DATE:	16-Jan-1988
MANAGEMENT CATEGORY:	Telecommunications (HRT)		
RESPONSIBLE PERSON:	Jan Purwin, Backbone Networking Product Engineering		
ABSTRACT:	This standard defines the minimum electrical interface requirements for the drivers, receivers, and interconnecting cable used to connect data terminal equipments (DTEs) to data communications equipment (DECs) and to modems, in accordance with the Electronic Industry Association (EIA) Standard RS-232-C, Interface Between Data Terminal Equipment and Data Communication Equipment Employing Serial Binary Data Interchange, and CCITT Recommendation V.28, Electrical Characteristics for Unbalanced Double-Current Intercircuits.		

DEC STD 052-3 Automatic Calling and/or Answering Equipment on the GSTN Using the 100 Series Interchange Circuits

DOCUMENT NUMBER:	A-DS-EL00052-03-0000	ORDER NUMBER:	EL-00052-03
RELEASED REVISION AND DATE:	A1, 26-Jan-1990	EXPIRATION DATE:	20-Aug-1992
MANAGEMENT CATEGORY:	Telecommunications (HRT)		
RESPONSIBLE PERSON:	Jan Purwin, Backbone Networking Product Engineering		
ABSTRACT:	Describes the sequence of events involved in establishing a connection between an automatic calling data station and an automatic answering for V.-series Recommendation modems specified for General Switched Telephone Network operation (GSTN). The system configuration is shown in Figure 1. The information contained in this document has been extracted from CCITT Study Group XVII, Working Parties XVII/1, 2, and 3.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 052-4 Local Direct Connection (no Modem) for Serial Asynchronous Terminals and System Interfaces

DOCUMENT NUMBER: A-DS-EL00052-04-0000 ORDER NUMBER: EL-00052-04
RELEASED REVISION AND DATE: C, 01-Jul-1990 EXPIRATION DATE: 01-Jul-1991
MANAGEMENT CATEGORY: Telecommunications (HRT)
RESPONSIBLE PERSON: Jack Learson, Telecommunications and Networks (TAN)
ABSTRACT: This standard defines minimum electrical interface requirements for direct connections drivers and receivers, specifies required protections from Electrical OverStress (EOS) and ElectroStatic Discharge (ESD), and defines the connectors/cables used for direct, asynchronous, serial connection between data terminal equipment (DTE). This standard is intended for use at data signaling rates up to 40,000 bits per second and provides a summary of the known data on the use of this standard at distances up to 4000 feet (1200 meters).

DEC STD 053-0 Interface Between Data Circuit-Termination Equipment and Public Switched Telephone Network (PSTN) in the U.S. and Canada

DOCUMENT NUMBER: A-DS-EL00053-00-0000 ORDER NUMBER: EL-00053-00
RELEASED REVISION AND DATE: A, 03-Jan-1985 EXPIRATION DATE: 20-Aug-1992
MANAGEMENT CATEGORY: Telecommunications (HRT)
RESPONSIBLE PERSON: Jan Purwin, Backbone Networking Product Engineering
ABSTRACT: Defines the North American technical requirements of equipment connected to the public telephone circuits. It covers the requirements for meeting FCC Part 68 requirements and Canadian DOC requirements. For Post Telegraph and Telephone (PTT) worldwide requirements, consult DEC STD 053-01.

DEC STD 053-1 Interface Between Data Circuit-Terminating Equipment and the Public Switched Telephone Network (PSTN) - Worldwide

DOCUMENT NUMBER: A-DS-EL00053-01-0000 ORDER NUMBER: EL-00053-01
RELEASED REVISION AND DATE: A, 10-Feb-1989 EXPIRATION DATE: 26-Aug-1992
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Jan Purwin, Backbone Networking Product Engineering
ABSTRACT: This document defines the worldwide technical requirements of equipment connected to public switched network and leased telephone circuits. For U.S. and Canadian requirements, refer to DEC STD 053-0 Interface Between Data Circuit-Terminating Equipment and the Public Switched Telephone Network (PSTN) in the U.S. and Canada.

DEC STD 055-0 Requirements for Purchase Specifications

DOCUMENT NUMBER: A-DS-EL00055-00-0000 ORDER NUMBER: EL-00055-00
RELEASED REVISION AND DATE: D, 10-Jan-1992 EXPIRATION DATE: 10-Jan-1993
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems (CSCS)
ABSTRACT: This standard establishes the general instructions and responsibilities for the preparation and control of Digital purchase specifications.

DEC STD 056-0 Circuit Diagrams and Item Designations - General Requirements

DOCUMENT NUMBER: A-DS-EL00056-00-0000 ORDER NUMBER: EL-00056-00
RELEASED REVISION AND DATE: D, 15-Jan-1985
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Tom Smith, ADS Committee
ABSTRACT: This standard provides general requirements for circuit schematic diagrams, symbols used on circuit schematic diagrams, and item (reference) designations.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 056-1 Symbology - Distinctive Shape Logic Symbols

DOCUMENT NUMBER: A-DS-EL00056-01-0000 ORDER NUMBER: EL-00056-01
DATE: 15-Mar-1989
ABSTRACT: This document has been inactivated and replaced by DEC STD 056-5 Symbology - Industry Standard Logic Symbols and Diagrams.

DEC STD 056-2 Symbology - Complex (Uniform Shape) Logic Symbols

DOCUMENT NUMBER: A-DS-EL00056-02-0000 ORDER NUMBER: EL-00056-02
DATE: 15-Mar-1989
ABSTRACT: This document has been inactivated and replaced by DEC STD 056-5 Symbology - Industry Standard Logic Symbols and Diagrams.

DEC STD 056-3 Symbology - Discrete Electronic and Electromechanical Component Symbols

DOCUMENT NUMBER: A-DS-EL00056-03-0000 ORDER NUMBER: EL-00056-03
RELEASED REVISION AND DATE: D, 15-Jan-1985
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Tom Smith, ADS Committee
ABSTRACT: This document provides detailed requirements for using discrete electronic and electromechanical component symbols on circuit schematics.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 056-4 Symbology - Electrical Interconnections Between Graphic Symbols

DOCUMENT NUMBER: A-DS-EL00056-04-0000 ORDER NUMBER: EL-00056-04
DATE: 15-Mar-1989
ABSTRACT: This document has been inactivated and replaced by DEC STD 056-5 Symbology - Industry Standard Logic Symbols and Diagrams.

DEC STD 056-5 Circuit Diagrams and Item Designations - Diagrams and Symbols

DOCUMENT NUMBER: A-DS-EL00056-05-0000 ORDER NUMBER: EL-00056-05
RELEASED REVISION AND DATE: D, 15-Jan-1985
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Tom Smith, ADS Committee
ABSTRACT: This document provides detailed requirements for circuit schematic diagrams and symbols.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 056-6 Symbology - Glossary of Terms

DOCUMENT NUMBER: A-DS-EL00056-06-0000 ORDER NUMBER: EL-00056-06
DATE: 15-Mar-1989
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 056-7 Symbology - Logic Function Labels and Pin Label Definitions

DOCUMENT NUMBER: A-DS-EL00056-07-0000 ORDER NUMBER: EL-00056-07
DATE: 15-Mar-1989
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 057-0 VAXBI Standard

DOCUMENT NUMBER: A-DS-EL00057-00-0000 ORDER NUMBER: EL-00057-00
RELEASED REVISION AND DATE: E, 10-Feb-1989 EXPIRATION DATE: 21-Feb-1991
MANAGEMENT CATEGORY: VAX System Architecture and Interconnect (SHV)
RESPONSIBLE PERSON: Bob Willard, Data Center Systems and Servers - VSS
ABSTRACT: This standard defines the VAXBI interconnect system. The document provides a complete description of the bus protocol, architectural requirements, and mechanical and electrical requirements.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 059-0 Incoming Inspection Requirements

DOCUMENT NUMBER: A-DS-EL00059-00-0000 ORDER NUMBER: EL-00059-00
RELEASED REVISION AND DATE: C2, 07-Aug-1989 EXPIRATION DATE: 07-Aug-1990
MANAGEMENT CATEGORY: Incoming Inspection (MCI)
RESPONSIBLE PERSON: Paul Rey, Functional Component Engineering
ABSTRACT: This document establishes the minimum requirements where Incoming Inspection is used to measure purchased part quality level.

DEC STD 059-1 PAVES Incoming Inspection Documentation Requirements

DOCUMENT NUMBER: A-DS-EL00059-01-0000 ORDER NUMBER: EL-00059-01
DATE: 23-Feb-1984
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 059-2 Incoming Inspection Procedures: Metal Fabrication, Plastics, and Other Items

DOCUMENT NUMBER: A-DS-EL00059-02-0000 ORDER NUMBER: EL-00059-02
DATE: 23-Feb-1984
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 059-3 Incoming Inspection: Standard Operating Procedures

DOCUMENT NUMBER: A-DS-EL00059-03-0000 ORDER NUMBER: EL-00059-03
DATE: 23-Feb-1984
ABSTRACT: This standard has been inactivated. There is no replacement.

DEC STD 060-0 Design of Hardware Products to National and International Regulations and Standards, Policies and Procedures

DOCUMENT NUMBER: A-DS-EL00060-00-0000 ORDER NUMBER: EL-00060-00
RELEASED REVISION AND DATE: L1, 10-Aug-1989 EXPIRATION DATE: 10-Aug-1990
MANAGEMENT CATEGORY: Technical Domains and Country Requirements (HR)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This standard defines the responsibilities and requirements for designing and certifying Digital's hardware products to meet the requirements of nationally and internationally recognized organizations.

DEC STD 060-1 Design and Certification of Hardware Products to National and International Regulations and Standards - Specific Requirements

DOCUMENT NUMBER: A-DS-EL00060-01-0000 ORDER NUMBER: EL-00060-01
DATE: 08-Jul-1987
ABSTRACT: This document is replaced by EL-CP060-01.

DEC STD 062-0 Product Submittal to Regulatory Agencies

DOCUMENT NUMBER: A-DS-EL00062-00-0000 ORDER NUMBER: EL-00062-00
RELEASED REVISION AND DATE: F, 28-Aug-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This standard identifies Digital personnel in various countries who submit products to regulatory agencies, identifies the domains for which submittals are required, and explains the product submittal procedure.
DOCUMENT STATUS: Caution: Document change is in progress.

German EMC Certification/Approval Process

DOCUMENT NUMBER: A-DG-EL00062-02-0000 ORDER NUMBER: EL-00062-02
DATE: 28-Jan-1989
ABSTRACT: This document is replaced by DEC STD 062-2, document A-DS-EL00062-02-0000.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 062-2 German EMI Certification/Approval Process

DOCUMENT NUMBER: A-DS-EL00062-02-0000 ORDER NUMBER: EL-00062-02
RELEASED REVISION AND DATE: B, 12-Jan-1989 EXPIRATION DATE: 12-Nov-1992
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Horst Kuhn, German Country Marketing
ABSTRACT: This standard describes the VDE EMI (Electromagnetic Interference) type test and ZZF approval process. It outlines responsibilities and labeling requirements, and explains the documentation requirements for supporting product submittals for German VDE EMC type testing.

Telecommunication Certification/Approval Process for Products - Germany

DOCUMENT NUMBER: A-DG-EL00062-DE-0000 ORDER NUMBER: EL-00062-DE
RELEASED REVISION AND DATE: A, 19-Oct-1987
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Paul Newman, Technical Domains and Country Requirements
ABSTRACT: These guidelines describe the telecommunication certification and approval process for West Germany. They contain PTT monopoly policies, application procedure, approval costs, and approval time frames. They explain the testing procedure, documentation requirements for supporting product submittals, and product labeling requirements.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 064-0 Compliance with International Language Requirements

DOCUMENT NUMBER: A-DS-EL00064-00-0000 ORDER NUMBER: EL-00064-00
RELEASED REVISION AND DATE: B, 18-Mar-1988 EXPIRATION DATE: 18-Mar-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Robert E. Johnson, Corporate Product Safety and Regulations
ABSTRACT: This standard presents Digital's policy on compliance with language requirements of all countries in which Digital does business. The regulations cited in this standard affect shipping information, labeling words on products, messages produced by products, and customers, commercial, and technical documentation accompanying products. This standard also details the major languages spoken by our customers throughout the world.

DEC STD 065-0 Digital Standard Data Definitions - Policy and Requirements

DOCUMENT NUMBER: A-DS-EL00065-00-0000 ORDER NUMBER: EL-00065-00
RELEASED REVISION AND DATE: D, 06-Mar-1991 EXPIRATION DATE: 06-Mar-1993
MANAGEMENT CATEGORY: Data Management (TSD)
RESPONSIBLE PERSON: Mike Ronayne, DRM Program Office
ABSTRACT: This document defines the requirements for the definition of sharable data objects, including data elements, fields data entities, relationships, and data models.

Digital Standard Data Definitions

DOCUMENT NUMBER: A-SP-EL00065-00-0000 ORDER NUMBER: EL-00065-00
DATE: 06-Sep-1986
ABSTRACT: This document is inactive and has been replaced by A-DS-EL00065-00-0000.

DEC STD 066-0 Digital Design Standards

DOCUMENT NUMBER: A-DS-EL00066-00-0000 ORDER NUMBER: EL-00066-00
RELEASED REVISION AND DATE: D, 07-Aug-1992 EXPIRATION DATE: 07-Aug-1993
MANAGEMENT CATEGORY: Product Criteria/Waivers (TPW)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This standard lists the Digital design standards required for the design of Digital products.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 066-1 Technical Domains in the Product Development Process

DOCUMENT NUMBER:	A-DS-EL00066-01-0000	ORDER NUMBER:	EL-00066-01
RELEASED REVISION AND DATE:	C, 09-Jul-1992	EXPIRATION DATE:	09-Jul-1993
MANAGEMENT CATEGORY:	Standards Administration Documentation (TDA)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	This document defines the role and responsibilities of technical domains in the design and development process in Digital.		

DEC STD 066-2 Waivers to Digital Design Standards

DOCUMENT NUMBER:	A-DS-EL00066-02-0000	ORDER NUMBER:	EL-00066-02
RELEASED REVISION AND DATE:	C, 12-Jun-1989		
MANAGEMENT CATEGORY:	Product Criteria/Waivers (TPW)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	This standard establishes the procedures and responsibilities that are required to prepare, review, approve, and control waivers to technical requirements for Digital products.		
DOCUMENT STATUS:	Caution: Document change is in progress.		

DEC STD 066-3 Policy for Designing Products for All Countries Designated As Strategic Markets

DOCUMENT NUMBER:	A-DS-EL00066-03-0000	ORDER NUMBER:	EL-00066-03
RELEASED REVISION AND DATE:	B1, 15-Mar-1990	EXPIRATION DATE:	15-Mar-1993
MANAGEMENT CATEGORY:	Product Criteria/Waivers (TPW)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	This standard specifies the policy for designing products to be competitive in all countries designated as strategic markets, and provides a list of those countries. The standard also includes the procedures to be used for adding a country to the list and for requesting a waiver to the policy for a product.		

DEC STD 067-0 Electrostatic Discharge - Sensitive Devices

DOCUMENT NUMBER:	A-DS-EL00067-00-0000	ORDER NUMBER:	EL-00067-00
RELEASED REVISION AND DATE:	E, 27-Dec-1989	EXPIRATION DATE:	15-Jul-1993
MANAGEMENT CATEGORY:	Component Handling (MCC)		
RESPONSIBLE PERSON:	Adrienne Kudlich, EOS/ESD Control Engineering		
ABSTRACT:	This document, in conjunction with the five other sections of DEC STD 067, provide corporate-wide requirements for electrostatic discharge (ESD) control. This document is to connect all sections of DEC STD 067, provide general information and sources, and provide methods for device classification.		

DEC STD 067-1 Electrostatic Discharge-Sensitive Devices: In Engineering Facilities

DOCUMENT NUMBER:	A-DS-EL00067-01-0000	ORDER NUMBER:	EL-00067-01
RELEASED REVISION AND DATE:	A, 27-Dec-1989	EXPIRATION DATE:	15-Jul-1992
MANAGEMENT CATEGORY:	Component Handling (MCC)		
RESPONSIBLE PERSON:	Adrienne Kudlich, EOS/ESD Control Engineering		
ABSTRACT:	This section of DEC STD 067 provides detailed requirements and guidelines for ESD prevention and protection in engineering facilities.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 067-2 Packaging of Electrostatic Discharge-Sensitive Devices: Procedures and Protective Packaging Materials

DOCUMENT NUMBER: A-DS-EL00067-02-0000 ORDER NUMBER: EL-00067-02
RELEASED REVISION AND DATE: A, 21-Dec-1990 EXPIRATION DATE: 21-Dec-1992
MANAGEMENT CATEGORY: Component Handling (MCC)
RESPONSIBLE PERSON: Denis O'Sullivan, Industrial Packaging Engineering
ABSTRACT: This standard specifies the proper method for packaging and handling ESD-sensitive devices during shipping and storage. Packaging and handling methods of non ESD-sensitive materials used in the ESD-controlled work area are also referenced.

DEC STD 067-3 Handling of Electrostatic Sensitive Devices: Manufacturing Facilities

DOCUMENT NUMBER: A-DS-EL00067-03-0000 ORDER NUMBER: EL-00067-03
RELEASED REVISION AND DATE: A, 18-Jun-1990
MANAGEMENT CATEGORY: Component Handling (MCC)
RESPONSIBLE PERSON: Michael B. Berkowitz, EOD/ESD Control Engineering
ABSTRACT: This standard provides requirements for limiting Electrostatic Discharge (ESD) for manufacturing products. It establishes a corporate wide static control program for use in the manufacture of products.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 067-5 Electrostatic - Sensitive Devices: Related Materials and Products

DOCUMENT NUMBER: A-DS-EL00067-05-0000 ORDER NUMBER: EL-00067-05
RELEASED REVISION AND DATE: A, 31-Jan-1990
MANAGEMENT CATEGORY: Component Handling (MCC)
RESPONSIBLE PERSON: Adrienne Kudlich, EOS/ESD Control Engineering
ABSTRACT: This document defined the use of electrostatic discharge (ESD) related materials and products in specific applications, including requirements and recommendations for flooring, instrumentation, personnel, and the work area.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 068-0 Policy for Documentation of Revision Levels of Units and Combinations of Units

DOCUMENT NUMBER: A-DS-EL00068-00-0000 ORDER NUMBER: EL-00068-00
RELEASED REVISION AND DATE: B1, 15-Mar-1990 EXPIRATION DATE: 15-Mar-1992
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: Jarvis Bailey, Advanced Service Development
ABSTRACT: This standard establishes the corporate policy governing documentation of revision levels of units and combinations of units. It defines responsibilities and definitions, and makes mandatory the use of the Revision Matrix document described in EL-EN068-01 Procedures for Using Revision Matrix Documents.

DEC STD 070-0 Video Systems Standard - Introduction

DOCUMENT NUMBER: A-DS-EL00070-00-0000 ORDER NUMBER: EL-00070-00
RELEASED REVISION AND DATE: B, 14-Apr-1989 EXPIRATION DATE: 14-Apr-1990
MANAGEMENT CATEGORY: Terminal Interface Architecture (STI)
RESPONSIBLE PERSON: Peter Sichel, VIPS Terminals Architecture
ABSTRACT: This standard contains an introduction to DEC STD 070 Video Systems Reference Manual (VSRM), which is a collection of Digital standards relating to the development of video display (interactive) terminals and terminal related products, including printers, personal computers, workstations, and terminal software. It describes the audience for DEC STD 070 and those responsible for its development and maintenance. It also defines key terminology, and provides a Table of Contents for all sections of the manual.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 070-1 Video Systems Reference Manual - Concepts and Conformance Criteria

DOCUMENT NUMBER:	A-DS-EL00070-01-0000	ORDER NUMBER:	EL-00070-01
RELEASED REVISION AND DATE:	AX10, 15-May-1983	EXPIRATION DATE:	15-May-1984
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This section describes the conformance requirements for devices implementing the Video Systems Standards and intending to be certified as conforming implementations.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM070-00-0000.		

DEC STD 070-2 Video Systems Reference Manual - Specification Program Structure

DOCUMENT NUMBER:	A-DS-EL00070-02-0000	ORDER NUMBER:	EL-00070-02
RELEASED REVISION AND DATE:	AX11, 18-Mar-1985	EXPIRATION DATE:	18-Mar-1986
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This document describes the algorithmic specification language used in the Video Systems Standards Reference Manual and the program flow across sections of the Manual.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM070-00-0000.		

DEC STD 070-3 Video Systems Standard - Code Extension Layer

DOCUMENT NUMBER:	A-DS-EL00070-03-0000	ORDER NUMBER:	EL-00070-03
RELEASED REVISION AND DATE:	A, 14-Apr-1989	EXPIRATION DATE:	07-Nov-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This specification defines the form and syntax of the coded interchange between terminal products and other system components. it applies directly to serial line communications, consisting of a stream of 7-bit or 8-bit combinations referred to as 'character codes'. The mechanisms employed for achieving this form of communication, however, may be applied within the context of block oriented line protocols, networking packet protocols, and program call interfaces over high-bandwidth bus interconnects.		

DEC STD 070-4 Video Systems Reference Manual - Terminal Management

DOCUMENT NUMBER:	A-DS-EL00070-04-0000	ORDER NUMBER:	EL-00070-04
RELEASED REVISION AND DATE:	A, 04-Oct-1990	EXPIRATION DATE:	22-Feb-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This section describes device and service-class independent protocols for performing identification and status functions, and for selecting syntax for interchange compatibility.		

DEC STD 070-5 Video Systems Reference Manual—Character Cell Display

DOCUMENT NUMBER:	A-DS-EL00070-05-0000	ORDER NUMBER:	EL-00070-05
RELEASED REVISION AND DATE:	AX11, 18-Mar-1985		
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This section includes the definition of all state information required for the Character Cell Display service class, as well as all interface operations that may be performed to affect this state.		
DOCUMENT STATUS:	Caution: Document change is in progress.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 070-6 Video Systems Reference Manual - Keyboard Processing

DOCUMENT NUMBER:	A-DS-EL00070-06-0000	ORDER NUMBER:	EL-00070-06
RELEASED REVISION AND DATE:	A, 19-Apr-1988	EXPIRATION DATE:	29-Mar-1990
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This specification describes the interfaces to terminals using the Digital Standard Keyboard of 1980 (Level 1) and the corporate standard keyboard (LK201 and future) (Level 2 and Level 3). It specifies both the coding interface between the application program and the terminal and the human interface between the terminal user and the keyboard. Furthermore, the same coding interface is provided to the application program whether it is running in a host computer or inside a personal computer or workstation, thereby achieving transportability of application programs.		

DEC STD 070-7 Video Systems Reference Manual - Printer Port Extension

DOCUMENT NUMBER:	A-DS-EL00070-07-0000	ORDER NUMBER:	EL-00070-07
RELEASED REVISION AND DATE:	AX12, 28-Apr-1987	EXPIRATION DATE:	07-Nov-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This section describes the characteristics of the Printer Port extension to the Level 2 Character Cell Display service class. it includes both the control functions required to cause transmission from the terminal to the printer, and the syntax of the coded interchange at the printer port.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM070-00-0000.		

DEC STD 070-8 Video and Printer Standards Reference Manual - ReGIS Graphics Extension

DOCUMENT NUMBER:	A-DS-EL00070-08-0000	ORDER NUMBER:	EL-00070-08
RELEASED REVISION AND DATE:	A, 31-Mar-1988	EXPIRATION DATE:	07-Nov-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This section defines the Remote Graphics Instruction Set (ReGIS). ReGIS is a set of graphics execution instructions designed primarily for graphics terminals operated over low bandwidth communications paths, such as serial lines.		

DEC STD 070-9 Video and Printer Systems Reference Manual - SIXEL Graphics Extension

DOCUMENT NUMBER:	A-DS-EL00070-09-0000	ORDER NUMBER:	EL-00070-09
RELEASED REVISION AND DATE:	A1, 03-Aug-1990	EXPIRATION DATE:	07-Nov-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This section describes the Sixel Graphics Protocol, which forms an extension to the Level 1, Level 2, and Level 3 Character Cell Display service class. Sixel Graphics provide a means of encoding and displaying raster binary data on raster devices of various capabilities.		

Video Systems Reference Manual - VT52 Emulation

DOCUMENT NUMBER:	A-DS-EL00070-0A-0000	ORDER NUMBER:	EL-00070-0A
RELEASED REVISION AND DATE:	AX11, 18-Mar-1985		
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This document is an architectural statement of future terminal support for VT52 mode as documented in the VT102 User Guide. It does not include features of the VT100 family implementation which are a result of cross-over with ANSI mode and are not documented. These features should be considered undefined conditions in terminal products, and cannot be relied on by software.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM070-00-0000.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 070-0B Video Systems Reference Manual - Programmer's Guide

DOCUMENT NUMBER:	A-DS-EL00070-0B-0000	ORDER NUMBER:	EL-00070-0B
RELEASED REVISION AND DATE:	AX10, 15-May-1983	EXPIRATION DATE:	15-May-1984
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This appendix contains information of general interest to software engineers designing software interfacing with products designed in conformance with the Video Systems Standards Reference Manual.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM070-00-0000.		

DEC STD 070-0C Video Systems Reference Manual - Product Reference

DOCUMENT NUMBER:	A-DS-EL00070-0C-0000	ORDER NUMBER:	EL-00070-0C
RELEASED REVISION AND DATE:	AX11, 18-Mar-1985	EXPIRATION DATE:	18-Mar-1986
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This appendix describes the products which have been certified as conforming to the architecture defined in the Video systems Standards Reference Manual, and identifies any areas in which those products deviate from the architectural specifications.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM070-00-0000.		

Video Systems Reference Manual - Documented Exceptions

DOCUMENT NUMBER:	A-DS-EL00070-0D-0000	ORDER NUMBER:	EL-00070-0D
RELEASED REVISION AND DATE:	AX11, 18-Mar-1985		
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This appendix contains the specification of terminal features which are considered exceptions to the architecture. As exceptions, they are not required of conforming hardware implementations, and will not be used by conforming software. However, when implemented, they should be implemented according to this standard in order to insure consistency of behavior across products.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM070-00-0000.		

DEC STD 070-10 Video Systems Reference Manual, Dynamically Redefinable Character Sets Extension

DOCUMENT NUMBER:	A-DS-EL00070-10-0000	ORDER NUMBER:	EL-00070-10
RELEASED REVISION AND DATE:	A, 04-Oct-1990	EXPIRATION DATE:	04-Oct-1991
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This document describes the interface to load and designate Dynamically Redefinable Character Sets (DRCS), which forms extensions to Levels 2, 3 and 4 of the Character Cell Display service classes and Levels 1 and 2 of the Hardcopy Display service classes.		

DEC STD 070-11 Video Systems Reference Manual - User Defined Keys Extension (UDK)

DOCUMENT NUMBER:	A-DS-EL00070-11-0000	ORDER NUMBER:	EL-00070-11
RELEASED REVISION AND DATE:	AX10, 15-May-1983	EXPIRATION DATE:	04-Nov-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This section describes the interface to load and invoke User Definable Keys (UDK), which form an extension to the level 2 Character Cell Display service class.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM070-00-0000.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 070-12 Video Systems Reference Manual - Terminal Synchronization

DOCUMENT NUMBER:	A-DS-EL00070-12-0000	ORDER NUMBER:	EL-00070-12
RELEASED REVISION AND DATE:	A1, 25-Jul-1990	EXPIRATION DATE:	07-Nov-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This standard applies to serial asynchronous communications which use XON/XOFF flow control or Break for synchronization. It describes the XON/XOFF flow control protocol including response time and input buffer requirements. It also specifies requirements for implementing the Break function in terminals. This standard supersedes DEC STD 111-0 Terminal Synchronization.		

DEC STD 070-13 Video Systems Reference Manual—Text Locator Extension

DOCUMENT NUMBER:	A-DS-EL00070-13-0000	ORDER NUMBER:	EL-00070-13
RELEASED REVISION AND DATE:	A, 30-Sep-1991	EXPIRATION DATE:	30-Sep-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This specification defines support for locator input devices on ANSI text and graphics terminals as an extension to the Character Cell Display service class.		

Video Systems Reference Manual - Master Index

DOCUMENT NUMBER:	A-GL-EL00070-IN-0000	ORDER NUMBER:	EL-00070-IN
RELEASED REVISION AND DATE:	C, 14-Apr-1989		
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Peter Sichel, VIPS Terminals Architecture		
ABSTRACT:	This appendix is the master index for the entire Video Systems Standards Reference Manual.		

DEC STD 071-0 Field Change Order Policy - Introduction

DOCUMENT NUMBER:	A-DS-EL00071-00-0000	ORDER NUMBER:	EL-00071-00
RELEASED REVISION AND DATE:	B1, 26-Feb-1990		
MANAGEMENT CATEGORY:	Field Change Orders (FC)		
RESPONSIBLE PERSON:	John Earnshaw, Customer Services Systems Engineering		
ABSTRACT:	This section defines the standards governing the worldwide policy and general requirements for processing all Field Change Orders (FCOs). This section explains the required contents, format, and approvals for all FCOs. It specifies the general organizational requirements and responsibilities and FCO categories with definitions. This section also addresses implementation requirements, the FCO installation and material policy, customer notification requirements, and FCO expense allocation responsibilities. Also included are the generic processing overview and notification publications.		
DOCUMENT STATUS:	Caution: Document change is in progress.		

DEC STD 071-1 Field Change Order Policy - Customer Services Systems Engineering (CSSE)

DOCUMENT NUMBER:	A-DS-EL00071-01-0000	ORDER NUMBER:	EL-00071-01
RELEASED REVISION AND DATE:	B, 15-Jan-1990	EXPIRATION DATE:	15-Jan-1991
MANAGEMENT CATEGORY:	Field Change Orders (FC)		
RESPONSIBLE PERSON:	John Earnshaw, Customer Services Systems Engineering		
ABSTRACT:	This section of DEC STD 071 describes the specific duties required of the Customer Services Systems Engineering organization with respect to the Development, Planning, Implementation, End-of-Life, and Post Partum of Field Change Orders (FCOs).		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 071-2 Field Change Order Conventions and Processing-Customer Service Logistics

DOCUMENT NUMBER: A-DS-EL00071-02-0000 ORDER NUMBER: EL-00071-02
RELEASED REVISION AND DATE: B, 22-Jan-1990 EXPIRATION DATE: 22-Jan-1991
MANAGEMENT CATEGORY: Field Change Orders (FC)
RESPONSIBLE PERSON: Mike Macoul, Advanced Service Development
ABSTRACT: This document describes the specific duties required at the Customer Services Logistics (CSL) organization in implementing Field Change Orders (FCOs).

DEC STD 071-3 Field Change Order Conventions and Processing - Field Service Product Safety and Liability

DOCUMENT NUMBER: A-DS-EL00071-03-0000 ORDER NUMBER: EL-00071-03
RELEASED REVISION AND DATE: B1, 20-Jun-1989 EXPIRATION DATE: 20-Jun-1990
MANAGEMENT CATEGORY: Field Change Orders (FC)
RESPONSIBLE PERSON: Stephen Russo, Customer Services Product Safety and Liability
ABSTRACT: This section describes the specific duties required of the Field Service Product Safety and Liability organization in implementing Field Change Orders (FCOs).

DEC STD 071-4 Field Change Order Policy - Geography Operations [USA, GIA, Europe]

DOCUMENT NUMBER: A-DS-EL00071-04-0000 ORDER NUMBER: EL-00071-04
RELEASED REVISION AND DATE: A, 19-Dec-1985 EXPIRATION DATE: 26-Nov-1991
MANAGEMENT CATEGORY: Field Change Orders (FC)
RESPONSIBLE PERSON: John Earnshaw, Customer Services Systems Engineering
ABSTRACT: This section of the standard describes the specific duties of the Area Operations organization in implementing Field Change Orders (FCOs). It also includes the required format for the Corporate Implementation Plan (CIP).

DEC STD 071-5 Field Change Order Policy - Micromedia Publishing

DOCUMENT NUMBER: A-DS-EL00071-05-0000 ORDER NUMBER: EL-00071-05
RELEASED REVISION AND DATE: A, 19-Dec-1985
MANAGEMENT CATEGORY: Field Change Orders (FC)
RESPONSIBLE PERSON: John Earnshaw, Digital Services Engineering
ABSTRACT: This section defines the input requirements for all FCO documents processed by Educational Services Micropublishing. This section also defines criteria for FCO publication.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 071-6 Field Change Order Conventions and Processing - Field Service Logistics (FSL) Quality Management Office

DOCUMENT NUMBER: A-DS-EL00071-06-0000 ORDER NUMBER: EL-00071-06
RELEASED REVISION AND DATE: A1, 08-Dec-1989 EXPIRATION DATE: 08-Dec-1990
MANAGEMENT CATEGORY: Field Change Orders (FC)
RESPONSIBLE PERSON: John Earnshaw, Customer Services Systems Engineering
ABSTRACT: This section defines the quality requirements to be met by all FCO kits.

DEC STD 071-7 Field Change Order Policy - Field Service Finance

DOCUMENT NUMBER: A-DS-EL00071-07-0000 ORDER NUMBER: EL-00071-07
RELEASED REVISION AND DATE: A, 19-Dec-1985 EXPIRATION DATE: 11-May-1990
MANAGEMENT CATEGORY: Field Change Orders (FC)
RESPONSIBLE PERSON: Ruth Greenberg, Advanced Service Development
ABSTRACT: This section describes the information and reports required of the Finance organization to support the implementation of Field Change Orders (FCOs). It includes copies of the required financial schedules.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 072-0 Corporate POM (Point of Manufacture) Qualification Requirements

DOCUMENT NUMBER:	A-DS-EL00072-00-0000	ORDER NUMBER:	EL-00072-00
RELEASED REVISION AND DATE:	D, 12-Feb-1991	EXPIRATION DATE:	12-Feb-1992
MANAGEMENT CATEGORY:	Manufacturing Plant Operations (MPO)		
RESPONSIBLE PERSON:	David Sullivan, U. S. Manufacturing, Engineering, and Technology		
ABSTRACT:	This standard provides requirements to assist the Manufacturing New Product Teams and the product plant to achieve and maintain Point of Manufacture (POM) qualification to ensure internal customer satisfaction. Internal customer satisfaction will facilitate a robust product introduction, meeting corporate customer satisfaction goals. These requirements have been developed using inputs from Product Business Units, Manufacturing, Engineering, and Customer Services groups.		

DEC STD 073-0 Manufacturing and Packaging for Publications

DOCUMENT NUMBER:	A-DS-EL00073-00-0000	ORDER NUMBER:	EL-00073-00
RELEASED REVISION AND DATE:	C1, 15-Oct-1991	EXPIRATION DATE:	15-Oct-1992
MANAGEMENT CATEGORY:	Cross Documentation Vocabulary and Practices (TDV)		
RESPONSIBLE PERSON:	Kathy Jamieson, Software Supply Business (SSB)		
ABSTRACT:	This document contains packaging requirements for all publication products manufactured and/or distributed by software manufacturing areas worldwide. Software manufacturing areas support products using the materials and specifications listed in this document. [Please note that the Bookreader files may be copied from: JOKUR::PUBLIC:EL-00073-00REVC1.DECW$BOOK*.]		

DEC STD 073-3 Electronic Media Master for Software Engineering

DOCUMENT NUMBER:	A-DS-EL00073-03-0000	ORDER NUMBER:	EL-00073-03
RELEASED REVISION AND DATE:	A, 31-Jan-1992	EXPIRATION DATE:	31-Jan-1993
MANAGEMENT CATEGORY:	Cross Documentation Vocabulary and Practices (TDV)		
RESPONSIBLE PERSON:	Ted Luszey, U.S. Software Supply Business		
ABSTRACT:	This section of DEC STD 073 defines the format and structure requirements of files that serve as the masters for electronic media production at Digital. Two data formats are specified: one for disks and another for tapes. The formats specified are not dependent on the methodology and format used in the original creation of physical disk or tape masters.		

DEC STD 073-4 Documentation Film Mastering

DOCUMENT NUMBER:	A-DS-EL00073-04-0000	ORDER NUMBER:	EL-00073-04
RELEASED REVISION AND DATE:	A, 11-Jun-1990	EXPIRATION DATE:	11-Jun-1991
MANAGEMENT CATEGORY:	Cross Documentation Vocabulary and Practices (TDV)		
RESPONSIBLE PERSON:	Shaemus Considine, Software Manufacturing Business Unit		
ABSTRACT:	This document describes the process to be used for producing documentation film masters for any product manufactured by Digital's software distribution centers. It also contains the quality specifications for the elements that make up the reproduction package and film package.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 074-0 Printer Systems Standard - Introduction

DOCUMENT NUMBER:	A-DS-EL00074-00-0000	ORDER NUMBER:	EL-00074-00
RELEASED REVISION AND DATE:	A, 01-Jul-1990	EXPIRATION DATE:	01-Jul-1991
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Tim Lasko, VIPS Hardcopy Engineering		
ABSTRACT:	This section of DEC STD 074 contains an introduction to DEC STD 074 and the Printer Systems Reference Manual (PSRM), a collection of Digital standards relating to the development of printers and printer related products, including translators, printer emulators, and printer software. It describes the audience for the PSRM and those responsible for its development and maintenance. Also included as part of this document set are sections of DEC STD 070 Video Systems Reference Manual.		

DEC STD 074-8 Printer Systems Standards - Tabs

DOCUMENT NUMBER:	A-DS-EL00074-08-0000	ORDER NUMBER:	EL-00074-08
RELEASED REVISION AND DATE:	A1, 20-Aug-1991	EXPIRATION DATE:	20-Aug-1992
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Tim Lasko, VIPS Hardcopy Engineering		
ABSTRACT:	This section of DEC STD 074 defines tabulation (tab) control functions for Digital printers, including horizontal and vertical tab controls and settings.		

DEC STD 074-9 Printer Systems Standard - Positioning Control Functions

DOCUMENT NUMBER:	A-DS-EL00074-09-0000	ORDER NUMBER:	EL-00074-09
RELEASED REVISION AND DATE:	A, 10-Nov-1989		
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Tim Lasko, VIPS Hardcopy Engineering		
ABSTRACT:	This section of DEC STD 074 describes the control functions that control active positioning.		
DOCUMENT STATUS:	Caution: Document change is in progress.		

DEC STD 074-10 Printer Systems Standard – Interword Justification

DOCUMENT NUMBER:	A-DS-EL00074-10-0000	ORDER NUMBER:	EL-00074-10
RELEASED REVISION AND DATE:	A, 26-Jan-1990		
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Tim Lasko, VIPS Hardcopy Engineering		
ABSTRACT:	This section of DEC STD 074 describes the functions that control interword justification. Information on absolute and relative motions, a justification algorithm, and a list of terminology are included.		
DOCUMENT STATUS:	Caution: Document change is in progress.		

DEC STD 074-14 Font File Format User's Manual

DOCUMENT NUMBER:	A-DS-EL00074-14-0000	ORDER NUMBER:	EL-00074-14
RELEASED REVISION AND DATE:	A, 25-Jan-1989		
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Tim Lasko, VIPS Hardcopy Engineering		
ABSTRACT:	This manual explains how to create font files or write programs to read font files that conform to the Digital Equipment Corporation font file format. This manual also provides the information necessary to specify font characteristics in a file that can be used with most Digital software and on the newer Digital printers and some video workstations.		
DOCUMENT STATUS:	Caution: Document change is in progress.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 074-15 Printer Systems Standard - Text Ruling Vector Functions

DOCUMENT NUMBER:	A-DS-EL00074-15-0000	ORDER NUMBER:	EL-00074-15
RELEASED REVISION AND DATE:	A1, 31-Aug-1990	EXPIRATION DATE:	31-Aug-1991
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Tim Lasko, VIPS Hardcopy Engineering		
ABSTRACT:	This section of DEC STD 074 describes the DECVEC (absolute) and DECRVEC (relative) text-ruling, vector-control functions for use in Digital printer software.		

DEC STD 074-17 Printer Systems Standard - Color Functions

DOCUMENT NUMBER:	A-DS-EL00074-17-0000	ORDER NUMBER:	EL-00074-17
RELEASED REVISION AND DATE:	A1, 31-Aug-1990	EXPIRATION DATE:	31-Aug-1991
MANAGEMENT CATEGORY:	Terminal Interface Architecture (STI)		
RESPONSIBLE PERSON:	Tim Lasko, VIPS Hardcopy Engineering		
ABSTRACT:	This section of DEC STD 074 describes color models and how they are used in Digital's printing devices.		

DEC STD 075-0 Transportation Policies and Requirements

DOCUMENT NUMBER:	A-DS-EL00075-00-0000	ORDER NUMBER:	EL-00075-00
DATE:	24-Feb-1992		
ABSTRACT:	This standard has been inactivated. Current information on Transportation Policies are available on the following VTX applications: European Policies and Procedures (VTX Europolilcies), GIA Policies (VTX Europolicies), GIA GIA Policies (VTX GIA_POL), and U.S. Transportation and Freight Procedures (VTX USAT).		

DEC STD 076-0 Plastics Selection and Identification

DOCUMENT NUMBER:	A-DS-EL00076-00-0000	ORDER NUMBER:	EL-00076-00
RELEASED REVISION AND DATE:	E, 25-Feb-1992	EXPIRATION DATE:	25-Feb-1993
MANAGEMENT CATEGORY:	Raw Materials/Mechanical Technology (HPM)		
RESPONSIBLE PERSON:	Ira Morris, Plastics Technology and Development Group		
ABSTRACT:	This standard provides information for specifying plastic raw materials on engineering documentation. It also references information found in other documents that can be used to identify and select plastic materials.		

DEC STD 080-0 Digital Product Safety Industrial Control Equipment - Introduction and General Requirements

DOCUMENT NUMBER:	A-DS-EL00080-00-0000	ORDER NUMBER:	EL-00080-00
RELEASED REVISION AND DATE:	B1, 28-Mar-1991	EXPIRATION DATE:	19-Feb-1992
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Rich Trainor, U.S. Digital Services		
ABSTRACT:	Defines safety design criteria to be applied to all Digital industrial control equipment.		

DEC STD 080-1 Digital Product Safety Industrial Control Equipment - Design Criteria

DOCUMENT NUMBER:	A-DS-EL00080-01-0000	ORDER NUMBER:	EL-00080-01
RELEASED REVISION AND DATE:	A1, 15-Feb-1991	EXPIRATION DATE:	15-Feb-1992
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Rich Trainor, U.S. Digital Services		
ABSTRACT:	Defines safety design criteria to be applied to all Digital industrial control equipment.		

DEC STD 080-2 Digital Product Safety Industrial Control Equipment - Test Methods

DOCUMENT NUMBER:	A-DS-EL00080-02-0000	ORDER NUMBER:	EL-00080-02
RELEASED REVISION AND DATE:	A1, 15-Feb-1991	EXPIRATION DATE:	15-Feb-1992
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Rich Trainor, U.S. EIS		
ABSTRACT:	Presents general information about test procedures required to determine that products meet design criteria of DEC STD 080-1 and lists the detailed test methods which define the procedures to perform a specific test.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 083-0 Digital Table Interchange Format (DTIF)

DOCUMENT NUMBER: A-DS-EL00083-00-0000 ORDER NUMBER: EL-00083-00
DATE: 06-Dec-1991
ABSTRACT: This standard defined the format for the interchange of data tables with Digital document processing systems. The information in this standard has been replaced by the CDA/DTIF Technical Specification, Order No. AA-PHK4A-TE and this standard is inactivated.

DEC STD 083-1 Canonical Form Expressions (CFE)

DOCUMENT NUMBER: A-DS-EL00083-01-0000 ORDER NUMBER: EL-00083-01
DATE: 06-Dec-1991
ABSTRACT: This standard defined the format for the interchange of revisable expressions with Digital data processing systems. The information in this standard has been replaced by the CDA/DTIF Technical Specification, Order No. AA-PHK4A-TE, and this standard is inactivated.

DEC STD 083-2 Edit String Format (ESF)

DOCUMENT NUMBER: A-DS-EL00083-02-0000 ORDER NUMBER: EL-00083-02
DATE: 06-Dec-1991
ABSTRACT: This standard defines the format for the interchange of revisable edit strings with Digital data processing systems. The information in this standard has been replaced by the CDA/DTIF Technical Specification, Order No. AA-PHK4A-TE, and this standard is inactivated.

DEC STD 084-0 Process and Technology Phase Review Procedure

DOCUMENT NUMBER: A-DS-EL00084-00-0000 ORDER NUMBER: EL-00084-00
RELEASED REVISION AND DATE: A, 16-Jan-1989 EXPIRATION DATE: 16-Jan-1990
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Gunar Zagars, Process and Technology Office
ABSTRACT: This document defines the Phase Review Policy for Digital process and technology development in engineering, manufacturing, and field service. It names the phases, established phase exit criteria, identifies a minimum set of milestones for each phase, addresses phase transition, and refers to related information. This document is a policy and operational guideline for taking a process through its life cycle. Use DEC STD 028-0 Corporate Phase Review Policy for product development.

DEC STD 085-0 Component Qualification - Requirements to Support Phase Review Process

DOCUMENT NUMBER: A-DS-EL00085-00-0000 ORDER NUMBER: EL-00085-00
RELEASED REVISION AND DATE: A, 07-Oct-1989 EXPIRATION DATE: 03-Dec-1992
MANAGEMENT CATEGORY: Components (HPX)
RESPONSIBLE PERSON: Paul Rey, Functional Component Engineering
ABSTRACT: This document provides a consistent process across Engineering and Manufacturing for component qualification, and establishes clear requirements that support Phase Exit Criteria.

DEC STD 088-0 Qualification Procedure for All Printed-Wiring Board Suppliers

DOCUMENT NUMBER: A-DS-EL00088-00-0000 ORDER NUMBER: EL-00088-00
RELEASED REVISION AND DATE: B1, 04-Dec-1990
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerry Gagnon, PWB Group Quality
ABSTRACT: This standard establishes the procedures and minimum requirements to qualify, retain, requalify, or disqualify a printed-wiring board (PWB) supplier to Digital.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 089-0 Semiconductor Mask Works Program

DOCUMENT NUMBER:	A-DS-EL00089-00-0000	ORDER NUMBER:	EL-00089-00
RELEASED REVISION AND DATE:	B, 06-Jul-1990	EXPIRATION DATE:	06-Jul-1993
MANAGEMENT CATEGORY:	Product Labeling (HRL)		
RESPONSIBLE PERSON:	Bob Ciavola, Engineering Law Department		
ABSTRACT:	This standard summarizes the procedures and policies required to implement the semiconductor chip protection features of the Semiconductor Protection Act of 1984, Public Law 98-620, Title 17, United States Code, Chapter 9.		

DEC STD 091-0 Product RAMP Requirements

DOCUMENT NUMBER:	A-DS-EL00091-00-0000	ORDER NUMBER:	EL-00091-00
RELEASED REVISION AND DATE:	B, 11-May-1992	EXPIRATION DATE:	11-May-1993
MANAGEMENT CATEGORY:	Digital Services Requirements (FR)		
RESPONSIBLE PERSON:	Bill Bazemore, Digital Services Engineering (DSE)		
ABSTRACT:	This document defines a set of Reliability, Availability, Maintainability Program (RAMP) requirements to be used by cross-functional hardware and software product teams during Phase 0 of the Corporate Phase Review Process in the selection of the product attributes needed to support both customer requirements and Digital Services business objectives and strategies. This standard presents a minimum set of product RAMP and software/firmware support requirements to be considered; it is not intended to be all-inclusive.		

DEC STD 092-0 Finish and Color Standard - Introduction and General Requirements

DOCUMENT NUMBER:	A-DS-EL00092-00-0000	ORDER NUMBER:	EL-00092-00
RELEASED REVISION AND DATE:	H1, 28-Jul-1989	EXPIRATION DATE:	28-Jul-1991
MANAGEMENT CATEGORY:	Paints and Finishes (HPF)		
RESPONSIBLE PERSON:	Art Clockedile, Systems Materials Engineering		
ABSTRACT:	This finish and color standard is made up of six sections; each of which may stand alone as a separate standard. The finish and color standard provides a guideline and lists requirements in the following areas: introduction to Digital's finish numbering system general finish requirements, test panel information, material and material supplier selection, requirements for evaluation and samples and batch approval.		

DEC STD 092-1 Finish and Color Standard - Finish Standard for Applicators

DOCUMENT NUMBER:	A-DS-EL00092-01-0000	ORDER NUMBER:	EL-00092-01
RELEASED REVISION AND DATE:	J, 28-Aug-1989	EXPIRATION DATE:	28-Aug-1991
MANAGEMENT CATEGORY:	Paints and Finishes (HPF)		
RESPONSIBLE PERSON:	Art Clockedile, Systems Materials Engineering		
ABSTRACT:	This document provides Finish Applicators with a description of Digital's finish numbering system, finish requirements, and method for handling finished parts.		

DEC STD 092-2 Finish and Color Standard - Finish Material Standard for Suppliers

DOCUMENT NUMBER:	A-DS-EL00092-02-0000	ORDER NUMBER:	EL-00092-02
RELEASED REVISION AND DATE:	H, 28-Aug-1989	EXPIRATION DATE:	28-Aug-1991
MANAGEMENT CATEGORY:	Paints and Finishes (HPF)		
RESPONSIBLE PERSON:	Art Clockedile, Systems Materials Engineering		
ABSTRACT:	This standard defines the procedures to be followed, and the requirements to be met, by finished materials suppliers to Digital Equipment Corporation.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 092-3 Finish and Color Standard - Finish Material Test Requirements

DOCUMENT NUMBER: A-DS-EL00092-03-0000 ORDER NUMBER: EL-00092-03
RELEASED REVISION AND DATE: K, 15-Jul-1991 EXPIRATION DATE: 15-Jul-1993
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This standard defines the test requirements and test methods applied to the finishes used for Digital parts.

DEC STD 092-4 Finish and Color Standard—Approved Finish Specifications

DOCUMENT NUMBER: A-DS-EL00092-04-0000 ORDER NUMBER: EL-00092-04
RELEASED REVISION AND DATE: M3, 25-Jan-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This standard provides a complete list of currently approved finish specifications and revisions for finishes approved for use on Digital products.
DOCUMENT STATUS: Caution: Document change is in progress.

092-4 Finish Specification - Complete Set

DOCUMENT NUMBER: A-SP-EL00092-04-A000 ORDER NUMBER: EL-00092-04-A000
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This is a complete set of all Digital-approved finish specifications.

Smooth Paint Finish A10X

DOCUMENT NUMBER: A-SP-EL00092-04-A10X ORDER NUMBER: EL-00092-04-A10X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This smooth paint finish is applicable to high quality, external metallic and non-metallic decorative panels and other parts that are normally exposed on the outside of a computer, computer system, terminal, or related peripheral device.

Smooth Paint Finish A11X

DOCUMENT NUMBER: A-SP-EL00092-04-A11X ORDER NUMBER: EL-00092-04-A11X
RELEASED REVISION AND DATE: B, 25-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This smooth pain finish is applicable to surfaces that are occasionally exposed, such as control panels and external parts on the outside of the computer or related devices.

Smooth Paint Finish A12X

DOCUMENT NUMBER: A-SP-EL00092-04-A12X ORDER NUMBER: EL-00092-04-A12X
RELEASED REVISION AND DATE: B, 25-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This smooth paint finish is applicable to all internal parts and assemblies, to unexposed portions of rack-mounted instruments, and to unexposed maintenance panels.

Table 3 (Cont.): Documents Sorted By Order Number

Texture Paint Finish A13X

DOCUMENT NUMBER: A-SP-EL00092-04-A13X ORDER NUMBER: EL-00092-04-A13X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is primarily applicable to external painted castings close to parts that have inherently better surface finishes. Texturing is the normal finish of castings unless otherwise specified.

Texture Paint Finish A14X

DOCUMENT NUMBER: A-SP-EL00092-04-A14X ORDER NUMBER: EL-00092-04-A14X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is applicable to internal castings, forging, and pipe.

Texture Paint Finish A15X

DOCUMENT NUMBER: A-SP-EL00092-04-A15X ORDER NUMBER: EL-00092-04-A15X
RELEASED REVISION AND DATE: B, 25-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is applicable to external painted textured metal panels, doors, and other metal parts which appear on the exterior of the computer or other devices, and which are classified as table-top or stand-alone devices.

Hot Stamping for Plastic Substrates A16X

DOCUMENT NUMBER: A-SP-EL00092-04-A16X ORDER NUMBER: EL-00092-04-A16X
RELEASED REVISION AND DATE: B, 27-Apr-1989
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is applicable to markings on plastic substrates that come under the generic term 'Hot Stamping.' This specification applies to logos, nameplates, and other informative or decorative markings. This specification does not apply to areas subject to high abrasion or other severe service requirements, such as the tops of key caps.

Clear Hard Coat Finish A17X

DOCUMENT NUMBER: A-SP-EL00092-04-A17X ORDER NUMBER: EL-00092-04-A17X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is used primarily as a protective coating over silk-screened indicator control panels made of acrylic or polycarbonate sheet, to provide resistance to abrasion, stain, and wear.

Screen/Pad Marking A18X

DOCUMENT NUMBER: A-SP-EL00092-04-A18X ORDER NUMBER: EL-00092-04-A18X
RELEASED REVISION AND DATE: A, 28-Mar-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is applicable to informative or decorative markings on metal and substrates that come under the generic names 'Silk Screening' or 'Pad Printing'.

Table 3 (Cont.): Documents Sorted By Order Number

Finish Specification 092-A20X-XXX—Multicolor Air Dry Paint for Plastic Substrates

DOCUMENT NUMBER: A-SP-EL00092-04-A20X ORDER NUMBER: EL-00092-04-A20X
RELEASED REVISION AND DATE: A, 06-Apr-1992
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This specification is intended to allow for the use of paints compliant with current environmental regulations and permits the use of low-temperature, waterborne paint on plastic substrates.

Finish Specification 092-A21X-XXX—Multicolor Paint for Plastic Substrates

DOCUMENT NUMBER: A-SP-EL00092-04-A21X ORDER NUMBER: EL-00092-04-A21X
RELEASED REVISION AND DATE: A, 06-Apr-1992
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This specification allows the use of a dual-component urethane-type paint on plastic substrates.

Air Dry Paint (Texture) for Plastic Substrates

DOCUMENT NUMBER: A-SP-EL00092-04-A38X ORDER NUMBER: EL-00092-04-A38X
RELEASED REVISION AND DATE: A, 31-Jan-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This specification allows for the use of a complaint paint with regard to current environmental regulations and shall permit the use of low temperature waterborne paint on plastic substrates.

Air Dry Paint (Fine Texture) for Plastic Substrates

DOCUMENT NUMBER: A-SP-EL00092-04-A39X ORDER NUMBER: EL-00092-04-A39X
RELEASED REVISION AND DATE: A, 31-Jan-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This specification allows the use of a complaint paint with regard to current environmental regulations and shall permit the use of low temperature waterborne paint on plastic substrates.

Surface Preparation Finish A40X

DOCUMENT NUMBER: A-SP-EL00092-04-A40X ORDER NUMBER: EL-00092-04-A40X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is used as a surface preparation for plastic parts to obtain a clean surface for good adhesion. Prior to painting, all plastic surfaces shall be free from all forms of contamination such as oils, mold release, dirt, and silicones. To clean the surface, use any standard method such as cold solvent, hand wash, or an immersion process with compatible cleaners or solvents for each plastic.

Texture Paint Finish for Plastic A41X

DOCUMENT NUMBER: A-SP-EL00092-04-A41X ORDER NUMBER: EL-00092-04-A41X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is used to provide a textured finish to painted plastic covers which are used and normally exposed on computers, computer systems, terminals, or related devices. Textured finish is the normal finish for plastic parts, unless otherwise specified.

Table 3 (Cont.): Documents Sorted By Order Number

Fine Texture Paint Finish for Plastic and Metal Substrates A42X

DOCUMENT NUMBER: A-SP-EL00092-04-A42X ORDER NUMBER: EL-00092-04-A42X
RELEASED REVISION AND DATE: A, 12-Apr-1984
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This finish is used to provide a textured finish to painted plastic covers that are used and normally exposed on computers, computer systems, terminals, or related devices.

Paint Finish (Smooth) on Plastic Subtrates

DOCUMENT NUMBER: A-SP-EL00092-04-A43X ORDER NUMBER: EL-00092-04-A43X
RELEASED REVISION AND DATE: A, 31-Jan-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: A smooth coat of paint shall be applied over a plated or nonplated plastic material, with or without a molded-in texture, to impart color and UV color stability, and to cover some of the base material's imperfections. In the case of a molded-in texture, the paint shall not level or smooth the texture created by the substrate.

Air Dry paint (Smooth) for Plastic Substrates

DOCUMENT NUMBER: A-SP-EL00092-04-A44X ORDER NUMBER: EL-00092-04-A44X
RELEASED REVISION AND DATE: A, 31-Jan-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This specification is intended to allow the use of a compliant paint with regard to current environmental regulations and shall permit the use of low temperature waterborne paint on plastic substrates.

Epoxy Powder Coating (Black) A45X

DOCUMENT NUMBER: A-SP-EL00092-04-A45X ORDER NUMBER: EL-00092-04-A45X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This smooth finish is applicable to inside-the-case items which require edge coverage for protection of cables, the dielectric strength of this coating, or the lubricity, toughness, abrasion resistance, and so on, of this coating.

Nylon Coating A46X

DOCUMENT NUMBER: A-SP-EL00092-04-A46X ORDER NUMBER: EL-00092-04-A46X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This smooth nylon coating is used for inside-the-case items that require the unique properties offered by a nylon coating.

Epoxy Powder Coating A47X

DOCUMENT NUMBER: A-SP-EL00092-04-A47X ORDER NUMBER: EL-00092-04-A47X
RELEASED REVISION AND DATE: B, 21-Dec-1989
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: Finish A47X is applicable to external metal products, requiring good abrasion resistance and/or corrosion protection, or other properties offered by this finish.

Table 3 (Cont.): Documents Sorted By Order Number

Epoxy Powder Coating - Low Gloss Black A48X

DOCUMENT NUMBER: A-SP-EL00092-04-A48X ORDER NUMBER: EL-00092-04-A48X
RELEASED REVISION AND DATE: B, 21-Dec-1989
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: Finish A48X shall be used when low sheen is desirable with other properties offered by epoxy powder coatings.

Urethane Coating for Magnets A60X

DOCUMENT NUMBER: A-SP-EL00092-04-A60X ORDER NUMBER: EL-00092-04-A60X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This clear urethane coating is used to obtain a sealed surface on plastic magnets used in disk cartridges and disk drive spindles.

Black Conductive Nickel Paint A65X

DOCUMENT NUMBER: A-SP-EL00092-04-A65X ORDER NUMBER: EL-00092-04-A65X
RELEASED REVISION AND DATE: B, 15-Jan-1985
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This specification describes a smooth black conductive nickel paint that provide an electrically conductive coating on the surface of plastic substrates. It is normally used on the inside surfaces of plastic products to provide EMI/RFI shielding

Copper Acrylic Conductive Paint

DOCUMENT NUMBER: A-SP-EL00092-04-A66X ORDER NUMBER: EL-00092-04-A66X
RELEASED REVISION AND DATE: B, 31-Nov-1989
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: Finish abstract A66X is a smooth paint finish provides an electrically conductive coating on the surface of plastic substrates. It is normally used on the inside surfaces of plastic products to provide EMI/RFI shielding.
DOCUMENT STATUS: Caution: Document change is in progress.

Black Conductive Paint for Metal Substrates A70X

DOCUMENT NUMBER: A-SP-EL00092-04-A70X ORDER NUMBER: EL-00092-04-A70X
RELEASED REVISION AND DATE: A, 23-Dec-1986
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This is a smooth non-textured finish that provides a black protective finish for steel or aluminum, with electrically conductive surface, for contact, to provide for electrostatic dissipation.

Zinc Plate with Blue Bright Chromate

DOCUMENT NUMBER: A-SP-EL00092-04-B04X ORDER NUMBER: EL-00092-04-B04X
RELEASED REVISION AND DATE: B, 31-Jan-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide corrosion protection for ferrous alloys. The use of the supplementary blue bright chromate treatment provides a surface with lower electrical contact resistance than the Zinc with Yellow Chromate. This finish is considered non-decorative and normally would be used on internal surfaces.

Table 3 (Cont.): Documents Sorted By Order Number

Zinc Plate With Yellow Chromate

DOCUMENT NUMBER: A-SP-EL00092-04-B05X ORDER NUMBER: EL-00092-04-B05X
RELEASED REVISION AND DATE: B, 05-Apr-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This zinc plating is intended to be used for corrosion protection of ferrous parts. When additional zinc thickness is required refer to 092-B06X-XXX or 092-B07X-XXX. This finish is considered non-decorative and normally would be used on internal surfaces.

Zinc Plate With Yellow Chromate

DOCUMENT NUMBER: A-SP-EL00092-04-B06X ORDER NUMBER: EL-00092-04-B06X
RELEASED REVISION AND DATE: B, 05-Apr-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This zinc plating is intended to be used for corrosion protection of ferrous parts when additional zinc thickness is required, otherwise refer to 092-B05X-XXX. When a zinc thickness greater than .0005 inch is required refer to 092-B07X-XXX. This finish is considered non-decorative and normally would be used on internal surfaces.

Zinc Plate With Yellow Chromate

DOCUMENT NUMBER: A-SP-EL00092-04-B07X ORDER NUMBER: EL-00092-04-B07X
RELEASED REVISION AND DATE: C, 05-Apr-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This zinc plating is used for ferrous parts. When additional zinc thickness is required, otherwise refer to 092-B05X-XXX or 092-B06X-XXX. This finish is considered non-decorative and normally would be used on internal surfaces.

Zinc Plate With Clear Chromate

DOCUMENT NUMBER: A-SP-EL00092-04-B08X ORDER NUMBER: EL-00092-04-B08X
RELEASED REVISION AND DATE: B, 05-Apr-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This zinc plating is intended to be used for ferrous parts when minimum corrosion protection is acceptable. This finish is considered non-decorative and normally would be used on internal surfaces.

Bright Cadmium B09X

DOCUMENT NUMBER: A-SP-EL00092-04-B09X ORDER NUMBER: EL-00092-04-B09X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: Bright cadmium plating for cold rolled steel with a hardness less than RC40.

Bright Tin Plate (Electroplated) B20X

DOCUMENT NUMBER: A-SP-EL00092-04-B20X ORDER NUMBER: EL-00092-04-B20X
RELEASED REVISION AND DATE: A, 26-Jan-1984
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide a tarnish resistant surface for soldering on steel and copper alloys.

Table 3 (Cont.): Documents Sorted By Order Number

Bright Tin-Lead (Electroplated) B21X

DOCUMENT NUMBER: A-SP-EL00092-04-B21X ORDER NUMBER: EL-00092-04-B21X
RELEASED REVISION AND DATE: A, 26-Jan-1984
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide a tarnish resistant surface for soldering on stall and copper alloys.

Bright Acid Tin Plate B22X

DOCUMENT NUMBER: A-SP-EL00092-04-B22X ORDER NUMBER: EL-00092-04-B22X
RELEASED REVISION AND DATE: A, 11-Jul-1984
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide corrosion protection for articles fabricated of steel and copper alloys, and as a coating to prevent galvanic metal couples.

Nickel Electroless Plating on Metal Substrates B30X

DOCUMENT NUMBER: A-SP-EL00092-04-B30X ORDER NUMBER: EL-00092-04-B30X
RELEASED REVISION AND DATE: C, 25-Jun-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide corrosion protection for metallic products.

Copper and Nickel Electroplating for Metal Substrates B35X

DOCUMENT NUMBER: A-SP-EL00092-04-B35X ORDER NUMBER: EL-00092-04-B35X
RELEASED REVISION AND DATE: A, 28-Mar-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide corrosion protection for steel, copper, copper alloys, zinc, and zinc alloys.

Copper and Nickel Electroless Plating for Plastic Substrates

DOCUMENT NUMBER: A-SP-EL00092-04-B40X ORDER NUMBER: EL-00092-04-B40X
RELEASED REVISION AND DATE: B, 11-Oct-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Material Engineering
ABSTRACT: This plating process provides an electrically conductive coating on the surface of plastic substrates. It can be used to provide EMI/RFI and ESD protection. This finish is considered non-decorative and normally would be used on internal surfaces.

Copper and Nickel Electroplating for Plastic Substrates

DOCUMENT NUMBER: A-SP-EL00092-04-B45X ORDER NUMBER: EL-00092-04-B45X
RELEASED REVISION AND DATE: A, 11-Oct-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This plating process provides an electrically conductive coating on the surface of plastic substrates. It can be used to provide EMI/RFI and ESD protection.

Brass Plating

DOCUMENT NUMBER: A-SP-EL00092-04-B50X ORDER NUMBER: EL-00092-04-B50X
RELEASED REVISION AND DATE: A, 11-Oct-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This brass plating is used for ferrous parts subjected to further processing at elevated temperatures. It is normally specified for use when rubber adhesion is required.

Table 3 (Cont.): Documents Sorted By Order Number

Vacuum Deposition of Aluminum Coatings B55X

DOCUMENT NUMBER: A-SP-EL00092-04-B55X ORDER NUMBER: EL-00092-04-B55X
RELEASED REVISION AND DATE: A, 28-Mar-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This coating process provides an electrically conductive coating on the surfaces of the plastic substrates. It can be used to provide EMI/RFI and ESD protection. This finish is considered non-decorative and normally would be used on internal surfaces.

Yellow Chromate Conversion Coatings on Aluminum

DOCUMENT NUMBER: A-SP-EL00092-04-C20X ORDER NUMBER: EL-00092-04-C20X
RELEASED REVISION AND DATE: B, 12-Aug-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide corrosion protection on aluminum and aluminum alloys. This coating also may be used for paint base. This finish is considered nondecorative and normally would be used on internal surfaces.

Clear Chromate Conversion Coatings on Aluminum

DOCUMENT NUMBER: A-SP-EL00092-04-C21X ORDER NUMBER: EL-00092-04-C21X
RELEASED REVISION AND DATE: B, 12-Aug-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide corrosion protection on aluminum and aluminum alloys with less than 1% silicon. This coating may also be used for a paint base. This finish is considered nondecorative and normally would be used on internal surface. For castings and alloys with more than 1% silicon refer to 092-C20X-XXX Yellow Chromate Conversion Coatings on Aluminum.

Yellow Chromate Conversion Coatings on Aluminum

DOCUMENT NUMBER: A-SP-EL00092-04-C22X ORDER NUMBER: EL-00092-04-C22X
RELEASED REVISION AND DATE: B, 12-Aug-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide a corrosion protection finish, for aluminum alloys, with a low electrical contact resistance. This coating may also be used for a paint base. This finish is considered non decorative and normally would be used on internal surfaces.

Surface Preparation for Painting C25X

DOCUMENT NUMBER: A-SP-EL00092-04-C25X ORDER NUMBER: EL-00092-04-C25X
RELEASED REVISION AND DATE: A, 05-Oct-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: Surface preparation for painting. To prepare material to meet Digital Standards.

Yellow Chromate Conversion Coatings Non-Ferrous Castings

DOCUMENT NUMBER: A-SP-EL00092-04-C28X ORDER NUMBER: EL-00092-04-C28X
RELEASED REVISION AND DATE: B, 12-Aug-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: To provide corrosion protection for zinc alloy castings. This coating may also be used for a paint base. This finish is considered nondecorative and normally would be used on internal surfaces.

Table 3 (Cont.): Documents Sorted By Order Number

Anodizing (Sulphuric Acid) C35X

DOCUMENT NUMBER: A-SP-EL00092-04-C35X ORDER NUMBER: EL-00092-04-C35X
RELEASED REVISION AND DATE: A, 05-Oct-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This hard coating provide abrasion, wear, and corrosion resistance to aluminum and aluminum alloys. This coating results in a decorative colorless transparent film.

Anodizing (Chromic Acid) C36X

DOCUMENT NUMBER: A-SP-EL00092-04-C36X ORDER NUMBER: EL-00092-04-C36X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This coating provides corrosion resistance with minimal wear and abrasion resistance to aluminum and aluminum alloys. This coating results in a gray color.

Black Anodizing C38X

DOCUMENT NUMBER: A-SP-EL00092-04-C38X ORDER NUMBER: EL-00092-04-C38X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This hard coating provides abrasion, wear, and corrosion resistance to aluminum and aluminum alloys. This coating results in a decorative black film.

Anodic Hard Coating C39X

DOCUMENT NUMBER: A-SP-EL00092-04-C39X ORDER NUMBER: EL-00092-04-C39X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This hard coating provides abrasion, wear, and corrosion resistance to aluminum and aluminum alloys. Also this coating provides better dielectric properties than convertional anodizing.

Black Oxide C50X

DOCUMENT NUMBER: A-SP-EL00092-04-C50X ORDER NUMBER: EL-00092-04-C50X
RELEASED REVISION AND DATE: A, 05-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: Black oxide coating applied to wrought iron, plain carbon, and low alloy steels with a drying type of supplementary preservative treatment. This finish shall be used for parts which cannot tolerate the dimensional change of a more corrosion-resistant finish.

Passivate - for Stainless Steel C60X

DOCUMENT NUMBER: A-SP-EL00092-04-C60X ORDER NUMBER: EL-00092-04-C60X
RELEASED REVISION AND DATE: A, 09-Dec-1982
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: The purpose of the treatment is to remove foreign metals from the surface of stainless steel and to promote the formation of a natural protective film. This finish shall be applied to all stainless steel parts after machining, forming, stamping, and other operations have been completed, unless otherwise specified. This finish should not be used on assemblies with dissimilar metals.

Table 3 (Cont.): Documents Sorted By Order Number

SPI A-1 Plastic Mold Finish: Finish Specification 092-D01X-XXX

DOCUMENT NUMBER: A-SP-EL00092-04-D01X ORDER NUMBER: EL-00092-04-D01X
RELEASED REVISION AND DATE: B, 29-Jun-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This A-1 plastic finish is used for molded in surfaces and would be specified only when an extra smooth, highly polished mirror finish is required. It is normally used on optically clear components, or special optical devices and instruments.

SPI A-3 Plastic Mold Finish: Finish Specification 092-D02X-XXX

DOCUMENT NUMBER: A-SP-EL00092-04-D02X ORDER NUMBER: EL-00092-04-D02X
RELEASED REVISION AND DATE: B, 29-Jun-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This A-3 plastic finish would be used for extra smooth high gloss molded in surfaces and would be specified only when a high gloss aesthetic component is required.

SPI B-3 Plastic Mold Finish: Finish Specification 092-D03X-XXX

DOCUMENT NUMBER: A-SP-EL00092-04-D03X ORDER NUMBER: EL-00092-04-D03X
RELEASED REVISION AND DATE: B, 29-Jun-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This B-3 plastic finish is used for molded in smooth surface when a medium gloss or a semi-gloss is required, and would also be specified before extra fine texture patterns are to be applied.

SPI C-2 Plastic Mold Finish: Finish Specification 092-D04X-XXX

DOCUMENT NUMBER: A-SP-EL00092-04-D04X ORDER NUMBER: EL-00092-04-D04X
RELEASED REVISION AND DATE: B, 29-Jun-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This C-2 plastic finish is used for a molded in smooth surface when a lower-gloss is required, and could be specified before texture patterns are to be applied.

SPI D-2 Plastic Mold Finish: Finish Specification 092-D05X-XXX

DOCUMENT NUMBER: A-SP-EL00092-04-D05X ORDER NUMBER: EL-00092-04-D05X
RELEASED REVISION AND DATE: B, 29-Jun-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This D-2 plastic finish is used for a molded in surface and would be specified when a flat or dull gloss surface is required, and would normally be specified for an internal smooth component part.

SPI D-3 Plastic Mold Finish: Finish Specification 092-D06X-XXX

DOCUMENT NUMBER: A-SP-EL00092-04-D06X ORDER NUMBER: EL-00092-04-D06X
RELEASED REVISION AND DATE: B, 29-Jun-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This D-3 molded finish is used for molded in surfaces and would be specified when a satin texture pattern appearance finish is required.

Table 3 (Cont.): Documents Sorted By Order Number

Molded in Plastic Texture/DEC 1013 Fine D20X

DOCUMENT NUMBER: A-SP-EL00092-04-D20X ORDER NUMBER: EL-00092-04-D20X
RELEASED REVISION AND DATE: A, 23-Apr-1985
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This textured pattern provides an acceptable visual finish for external color impregnated molded plastic components, to enhance product aesthetics and/or conceal processing imperfections. This DEC 1013 texture etch depth is 0.0015 inch 0.038 mm.

Molded in Plastic Texture/DEC 1013 Medium D21X

DOCUMENT NUMBER: A-SP-EL00092-04-D21X ORDER NUMBER: EL-00092-04-D21X
RELEASED REVISION AND DATE: A, 23-Apr-1985
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This textured pattern provides an acceptable visual finish for external color impregnated molded plastic components, to enhance product aesthetics and/or conceal processing imperfections. This DEC 1013 texture etch depth is 0.003 inch 0.076 mm.

Molded in Plastic Texture/DEC 1146 Coarse Double Etch Pattern D22X

DOCUMENT NUMBER: A-SP-EL00092-04-D22X ORDER NUMBER: EL-00092-04-D22X
RELEASED REVISION AND DATE: A, 23-Apr-1985
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This textured pattern provides an acceptable visual finish for external color impregnated molded plastic components, to enhance product aesthetics and/or conceal processing imperfections. This DEC 1146 texture etch depth is 0.005 inch 0.120 mm.

Molded in Plastic Texture/DEC 1055 Fine D23X

DOCUMENT NUMBER: A-SP-EL00092-04-D23X ORDER NUMBER: EL-00092-04-D23X
RELEASED REVISION AND DATE: A, 23-Apr-1985
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This textured pattern provides an acceptable visual finish for external color impregnated molded plastic components, to enhance product aesthetics and/or conceal processing imperfections. This DEC 1055 texture etch depth is 0.001 inch 0.025 mm.

Molded in Plastic Texture/DEC 1055 Medium D24X

DOCUMENT NUMBER: A-SP-EL00092-04-D24X ORDER NUMBER: EL-00092-04-D24X
RELEASED REVISION AND DATE: A, 23-Apr-1985
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This textured pattern provides an acceptable visual finish for external color impregnated molded plastic components, to enhance product aesthetics and/or conceal processing imperfections. This DEC 1055 texture etch depth is 0.0015 inch 0.038 mm.

Molded in Plastic Texture/DEC 2019 Paint Texture Pattern D25X

DOCUMENT NUMBER: A-SP-EL00092-04-D25X ORDER NUMBER: EL-00092-04-D25X
RELEASED REVISION AND DATE: B, 20-May-1988
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: Corporate Industrial Design has determined this finish to be obsolete and not intended for use on new designs; refer to 092-D26X-XXX (DEC 7015). Existing products with this finish specified will continue to be manufactured per this specification.

Table 3 (Cont.): Documents Sorted By Order Number

Finish Specification 092-D26X-XXX, Molded In Plastic Texture/DEC 7015 Paint Texture Pattern

DOCUMENT NUMBER: A-SP-EL00092-04-D26X ORDER NUMBER: EL-00092-04-D26X
RELEASED REVISION AND DATE: B, 30-Jan-1992
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This texture pattern provides an acceptable visual finish for external, color-impregnated, molded plastic components when trying to simulate a DEC 092-A15X-XXX texture paint finish. This finish replaces 092-D25X-XXX DEC 1029, texture pattern for new designs only.

DEC STD 092-5 Finish and Color Standard—Digital Color List

DOCUMENT NUMBER: A-DS-EL00092-05-0000 ORDER NUMBER: EL-00092-05
RELEASED REVISION AND DATE: N, 24-Jul-1992 EXPIRATION DATE: 24-Jul-1993
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This standard contains a list of Digital colors and color identification numbers. The list identifies currently approved and obsolete colors.

DEC STD 092-6 Finish and Color Standard—Digital Approved Paints Suppliers and Material Identification

DOCUMENT NUMBER: A-DS-EL00092-06-0000 ORDER NUMBER: EL-00092-06
RELEASED REVISION AND DATE: J, 21-May-1992 EXPIRATION DATE: 21-May-1993
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This standard defines the process for approving colors and lists approved suppliers used for production applications on substrates approved by Digital.

Digital-Approved Paint Supplier Specification - John L. Armitage and Company

DOCUMENT NUMBER: A-SP-EL00092-06-0001 ORDER NUMBER: EL-00092-06-0001
RELEASED REVISION AND DATE: F, 16-Sep-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: John L. Armitage and Company is an approved supplier for a solvent-base baking enamel (Armorsol) and High-bake waterborne paint (Ecolotex) and Epoxy powder smooth coating for external metal components.

Digital-Approved Paint Supplier Specification for Europe - FSW Coatings Ltd.

DOCUMENT NUMBER: A-SP-EL00092-06-0002 ORDER NUMBER: EL-00092-06-0002
RELEASED REVISION AND DATE: D, 16-Sep-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Europe - FSW Coatings Ltd. is an approved supplier for a 2-component urethane polane-T coating.

Digital-Approved Paint Supplier Specification—Duralac Chemical Corporation

DOCUMENT NUMBER: A-SP-EL00092-06-0003 ORDER NUMBER: EL-00092-06-0003
DATE: 08-Apr-1992
ABSTRACT: This document has been inactivated. There is no replacement.

Table 3 (Cont.): Documents Sorted By Order Number

Digital-Approved Paint Supplier Specification - Farboil Company

DOCUMENT NUMBER: A-SP-EL00092-06-0004 ORDER NUMBER: EL-00092-06-0004
RELEASED REVISION AND DATE: D, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Farboil Company is an approved supplier for Epoxy powder smooth coating for use inside the case of metal parts and Epoxy powder smooth coating for external metal products.

Digital-Approved Paint Supplier Specification - Glidden Coatings and Resins

DOCUMENT NUMBER: A-SP-EL00092-06-0005 ORDER NUMBER: EL-00092-06-0005
RELEASED REVISION AND DATE: E, 16-Sep-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Glidden Coatings and Resins is an approved supplier. Approved only in a waterborne paint for use in an electric-deposition process and a smooth water-base finish intended for metal substrates to provide a functional and protective conductive surface for contacts to provide electrostatic dissipation. Tradename Aqualure.

Digital-Approved Paint Supplier Specification - Lilly Industrial Coatings

DOCUMENT NUMBER: A-SP-EL00092-06-0006 ORDER NUMBER: EL-00092-06-0006
RELEASED REVISION AND DATE: F, 16-Sep-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Lilly Industrial Costings, Inc. is an approved supplier for a solvent-base baking paint. Approved in 677 series for use on metal substrates and a water-reducible high bake type paint. Approved only 977 series listed for application on metal substrates.

Digital-approved Paint Supplier Specification - North Brunswick Coating and Chemicals

DOCUMENT NUMBER: A-SP-EL00092-06-0007 ORDER NUMBER: EL-00092-06-0007
DATE: 26-Oct-1987
ABSTRACT: Inactivated; there is no replacement.

Digital-Approved Paint Supplier Specification - Morton International

DOCUMENT NUMBER: A-SP-EL00092-06-0008 ORDER NUMBER: EL-00092-06-0008
RELEASED REVISION AND DATE: C, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Morton International is an approved supplier for a smooth nylon powder coating and low gloss epoxy powder coating.

Digital-Approved Paint Supplier Specification - Randolph Products Company

DOCUMENT NUMBER: A-SP-EL00092-06-0009 ORDER NUMBER: EL-00092-06-0009
RELEASED REVISION AND DATE: F, 16-Sep-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Randolph Products Company is an approved supplier for a nitrocellulose air dry lacquer available in aerosol cans or in bulk and approved for use as touch-up paint only and special material for prototype use only.

Table 3 (Cont.): Documents Sorted By Order Number

Digital-Approved Paint Supplier Specification - Sherwin Williams Company

DOCUMENT NUMBER: A-SP-EL00092-06-0010 ORDER NUMBER: EL-00092-06-0010
RELEASED REVISION AND DATE: F, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Sherwin-Williams Company is an approved supplier for a 2-component urethane polane - T coating.

Digital-Approved Paint Supplier Specification for Europe - Trimite Limited

DOCUMENT NUMBER: A-SP-EL00092-06-0011 ORDER NUMBER: EL-00092-06-0011
RELEASED REVISION AND DATE: E, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Europe - Trimite Limited is an approved supplier for a low-temperature solvent-base vinyl enamel. Approved only in S092 series for application on metal substrates.

Digital-Approved Paint Supplier Specification for Europe - Schaepman's Lakfabrieken B. V.

DOCUMENT NUMBER: A-SP-EL00092-06-0012 ORDER NUMBER: EL-00092-06-0012
RELEASED REVISION AND DATE: C, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Europe - Schaepman's Lakfabrieken B.B. is an approved supplier for solvent type vinyl polyester baking enamel for metal and aluminum substrates, trade name Nibrasol.

Digital-Approved Paint Supplier Specification - Lilly Industrial Coatings, Incorporated

DOCUMENT NUMBER: A-SP-EL00092-06-0013 ORDER NUMBER: EL-00092-06-0013
RELEASED REVISION AND DATE: B, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Lilly Industrial Coatings, Incorporated is an approved supplier for a clear, 2-component urethane coating used as a protective finish over silk screened indicator control panels.

Digital-Approved Paint Supplier Specification - Acme Division, Allied Products

DOCUMENT NUMBER: A-SP-EL00092-06-0014 ORDER NUMBER: EL-00092-06-0014
RELEASED REVISION AND DATE: B, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Acme Division, Allied Products is an approved supplier for a black conductive nickel paint used for shielding purposes, on plastic substrates.

Digital-Approved Paint Supplier Specification - Acheson Colloids Company

DOCUMENT NUMBER: A-SP-EL00092-06-0015 ORDER NUMBER: EL-00092-06-0015
RELEASED REVISION AND DATE: B, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Acheson Colloids Company is an approved supplier for a black conductive nickel paint used for shielding purposes, on plastic substrates.

Digital-Approved Paint Supplier Specification - Graham Magnetics Incorporated

DOCUMENT NUMBER: A-SP-EL00092-06-0016 ORDER NUMBER: EL-00092-06-0016
DATE: 29-Dec-1989
ABSTRACT: Document has been inactivated. Refer to A-SP-EL00092-06-00001, Digital- Approved Paint Supplier Specification - John L. Armitage and Company.

Table 3 (Cont.): Documents Sorted By Order Number

Digital-Approved Paint Supplier Specification - E/M Corporation

DOCUMENT NUMBER: A-SP-EL00092-06-0017 ORDER NUMBER: EL-00092-06-0017
RELEASED REVISION AND DATE: B, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: E/M Corporation is an approved supplier for a black conductive nickel paint used for shielding purposes, on plastic substrates.

Digital-Approved Paint Supplier Specification - Morton International Bee Chemical Company

DOCUMENT NUMBER: A-SP-EL00092-06-0018 ORDER NUMBER: EL-00092-06-0018
RELEASED REVISION AND DATE: B, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Morton International Bee Chemical Company is an approved supplier for this coating is an acrylic resin system, with copper added to provide the conductivity. Tradename Isolex.

Digital-Approved Paint Supplier Specification - Morton Thiokol, Inc., Armstrong Products Company

DOCUMENT NUMBER: A-SP-EL00092-06-0019 ORDER NUMBER: EL-00092-06-0019
DATE: 01-Feb-1990
ABSTRACT: Inactivated - no replacement.

Digital-Approved Paint Supplier Specification for Far East - Eternal Chemical Co., Ltd.

DOCUMENT NUMBER: A-SP-EL00092-06-0020 ORDER NUMBER: EL-00092-06-0020
RELEASED REVISION AND DATE: A, 01-Feb-1990
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: Far East - Eternal Chemical Co., Ltd. is an approved supplier for a 2-component urethane approved for use on plastic substrates only. and a polyester solvent texturing type baking enamel for application on metal substrates.

092-6 Finish Specification - Complete Set

DOCUMENT NUMBER: A-SP-EL00092-06-A000 ORDER NUMBER: EL-00092-06-A000
RELEASED REVISION AND DATE: A, 01-Nov-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This document contains a complete set of Paint Supplier manufacturing specifications.

DEC STD 092-7 Finish and Color Standard—Plastic Color Control and Material Identification

DOCUMENT NUMBER: A-DS-EL00092-07-0000 ORDER NUMBER: EL-00092-07
RELEASED REVISION AND DATE: H, 08-May-1992 EXPIRATION DATE: 08-May-1993
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Laboratory
ABSTRACT: This document defines the process that ensures color-impregnated plastics used by Digital exhibit acceptable color drift characteristics for product uniformity; establishes a Digital color control source to initially evaluate, approve, and document all plastic colors to ensure color uniformity and avoid delays and mismatching from alternate sources; ensures that flame-retardant properties are not degraded in the process of obtaining new plastic color formulations; and defines the guidelines to assure ultraviolet plastic color stability.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 092-8 Finish and Color Standard—Touch-Up and Repair Procedures

DOCUMENT NUMBER: A-DS-EL00092-08-0000 ORDER NUMBER: EL-00092-08
RELEASED REVISION AND DATE: B, 22-May-1992 EXPIRATION DATE: 22-May-1993
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This document contains a list of approved touch-up specifications for finishes on Digital hardware.

Touch-Up Procedure for Air-Dry and Aerosol Paints

DOCUMENT NUMBER: A-SP-EL00092-08-0001 ORDER NUMBER: EL-00092-08-0001
RELEASED REVISION AND DATE: A, 28-Feb-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: The procedure described in this document is to be used to touch-up metal and/or plastic parts. The color shall match all the color criteria as specified in DEC STD 092-0 'Finish and Color Standard' and the Digital Color Control Masters Chips. Touch-up paint must be used for touch-up only and must not be used to cover an entire painted part. Touch-up paint will not meet Digital requirements for metal protection.

Touch-Up Procedure for Zinc Plate and Clear or Blue Bright Chromate

DOCUMENT NUMBER: A-SP-EL00092-08-0002 ORDER NUMBER: EL-00092-08-0002
RELEASED REVISION AND DATE: A, 28-Feb-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: The procedure described in this document is to be used to touch-up metal parts plated according to Digital Specifications 092-B04X-XXX, 'Zinc Plate with Blue Bright Chromate' and 092-B08X-XXX, 'Zinc Plate with Clear Chromate.' This material process is designed for specific intentions and is not a supplement or repair procedure for inadequate, damaged, or corroded plating.

Touch-Up Procedure for Nickel Plating

DOCUMENT NUMBER: A-SP-EL00092-08-0003 ORDER NUMBER: EL-00092-08-0003
RELEASED REVISION AND DATE: A, 28-Feb-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: The procedure described in this document is to be used to touch-up metal parts plated according to Digital Specifications 092-B30X-XXX, 'Nickel Electroless Plating on Metal Substrates' and 092-B35X-XXX, 'Copper and Nickel Electroplating for Metal Substrates.' This material process is designed for specific intentions and is not a supplement or repair procedure for inadequate, damaged, or corroded plating.

Touch-Up Procedure for Zinc Plate and Yellow Chromate

DOCUMENT NUMBER: A-SP-EL00092-08-0004 ORDER NUMBER: EL-00092-08-0004
RELEASED REVISION AND DATE: A, 28-Feb-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: The procedure described in this document is to be used to touch-up metal parts plated according to Digital Specifications 092-B05X-XXX, 092-B06X-XXX, or 092-B07X-XXX 'Zinc Plate with Yellow Chromate.' This material process is designed for specific intentions and is not a supplement or repair procedure for inadequate, damaged, or corroded plating.

Table 3 (Cont.): Documents Sorted By Order Number

Touch-Up Procedure for Yellow Chromate on Aluminum

DOCUMENT NUMBER: A-SP-EL00092-08-0005 ORDER NUMBER: EL-00092-08-0005
RELEASED REVISION AND DATE: A, 28-Feb-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: The procedure described in this document is to be used to touch-up metal parts finished according to Digital Specifications 092-C20X-XXX, Chromate Conversion Coating on Aluminum (Yellow), 092-C20X-XXX, Chromate Conversion Coating on Aluminum, and 092-C28X-XXX, One Coat Conversion Coating for Non-Ferrous Castings. This material process is designed for specific intentions and is not a supplement or repair procedure for inadequate, damaged, or corroded finishes.

Touch-Up Procedure for Clear Chromate on Aluminum

DOCUMENT NUMBER: A-SP-EL00092-08-0006 ORDER NUMBER: EL-00092-08-0006
RELEASED REVISION AND DATE: A, 28-Feb-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: The procedure described in this document is to be used to touch-up metal parts finished according to Digital Specifications 092-C21X-XXX, 'Clear Chromate.' This material process is designed for specific intentions and is not a supplement or repair procedure for inadequate, damaged, or corroded finishes.

Touch-Up Procedure for Electroless Nickel Plating on Plastics

DOCUMENT NUMBER: A-SP-EL00092-08-0007 ORDER NUMBER: EL-00092-08-0007
RELEASED REVISION AND DATE: A, 06-Apr-1992
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: The procedure described in this document is to be used to touch-up plastic parts according to Digital Specification 092-B40X-XXX, Copper and Nickel Electroless Plating for Plastic Substrates.

DEC STD 093-0 Capturing, Storing, and Distributing Engineering Documentation with Electronic Systems

DOCUMENT NUMBER: A-DS-EL00093-00-0000 ORDER NUMBER: EL-00093-00
RELEASED REVISION AND DATE: A, 10-Jul-1990
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Gerry Marini, Engineering Support Operations (ESO)
ABSTRACT: This standard defines the process for capturing, storing, and distributing engineering documentation through electronic systems.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 095-0 VAX/VMS Internal Application Release Criteria

DOCUMENT NUMBER: A-DS-EL00095-00-0000 ORDER NUMBER: EL-00095-00
RELEASED REVISION AND DATE: A, 26-Jun-1991 EXPIRATION DATE: 26-Jun-1992
MANAGEMENT CATEGORY: Data Management (TSD)
RESPONSIBLE PERSON: John Newman, Information Management & Technology
ABSTRACT: This standard defines the minimum criteria required of VAX/VMS information system applications and tools to ensure proper release, installation, and operation of application software within Digital.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 096-0 UNIGRAPHICS File Structure

DOCUMENT NUMBER: A-DS-EL00096-00-0000 ORDER NUMBER: EL-00096-00
RELEASED REVISION AND DATE: A, 13-May-1991 EXPIRATION DATE: 13-May-1993
MANAGEMENT CATEGORY: Micrographics (TTM)
RESPONSIBLE PERSON: Neil Lewis, European CAD Technology Center
ABSTRACT: This document describes the file-naming structure for UNIGRAPHICS files for products that are in development [UNIGRAPHICS is a registered trademark of McDonnell Douglas Corporation]. This structure provides a framework to identify the stage of development and the contents of the drawing file.

DEC STD 100-0 Policy and Requirements for the Product Change Process

DOCUMENT NUMBER: A-DS-EL00100-00-0000 ORDER NUMBER: EL-00100-00
RELEASED REVISION AND DATE: H, 18-Jan-1989 EXPIRATION DATE: 20-Feb-1992
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: Jarvis Bailey, Product Change Process Office
ABSTRACT: This standard provides information about the ownership of DEC STD 100-0, its Advisory Board Committee Charter, and the Product Change Process policies and terminologies for changing policies within Digital.

DEC STD 100-1 Engineering Change Orders - Hardware

DOCUMENT NUMBER: A-DS-EL00100-01-0000 ORDER NUMBER: EL-00100-01
RELEASED REVISION AND DATE: F, 07-Apr-1983
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: Jarvis Bailey, Product Change Process Office
ABSTRACT: Describes the policies and procedures used to create engineering change orders for Digital hardware. Specifies the minimum responsibilities assigned to the various individuals and organizations that create, administer, and implement ECOs.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 100-2 Purchase Specification ECOs

DOCUMENT NUMBER: A-DS-EL00100-02-0000 ORDER NUMBER: EL-00100-02
RELEASED REVISION AND DATE: B, 26-Jun-1991 EXPIRATION DATE: 26-Jun-1992
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: John Peachey, Central Specifications Control Systems
ABSTRACT: This section of DEC STD 100 describes the policy and procedure for making changes to purchase specifications. It also specifies the responsibilities assigned to the various individuals and organizations involved in the purchase specification ECO process.

DEC STD 100-3 Diagnostic Engineering Change Orders (DECOs) and Patch Orders (DEPOs) and Form Preparation

DOCUMENT NUMBER: A-DS-EL00100-03-0000 ORDER NUMBER: EL-00100-03
RELEASED REVISION AND DATE: J1, 14-Feb-1990 EXPIRATION DATE: 14-Feb-1992
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: Mike Faucher, Low End Diagnostics
ABSTRACT: This section of DEC STD 100 describes the policies and procedures for administrating and controlling Diagnostic Engineering Change Orders (DECOs) and Diagnostic Engineering Patch Orders (DEPOs), and for submitting new diagnotic products to the Software Distribution Center. Instructions for filling out the DECO/DEPO/SUBMISSION Form are also included.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 100-4 Product Change and the NCMR/Waiver Process

DOCUMENT NUMBER: A-DS-EL00100-04-0000 ORDER NUMBER: EL-00100-04
RELEASED REVISION AND DATE: A, 28-Nov-1990 EXPIRATION DATE: 28-Nov-1991
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: Jarvis Bailey, Product Change Process Office
ABSTRACT: This standard describes the exception management process to introduce a product change using a Nonconforming Material Reports/Waiver (NCMR). This standard details when the NCMR/Waiver may be used instead of the waiver process established in DEC STD 066-2 Waivers to Digital Design Standards. This standard must be used in conjunction with 76-65075-00, Procedure for Processing Non-Conforming Material and In-Process Waiver. This standard details the constraints required in the use of the NCMR/Waiver.

DEC STD 100-1C Engineering Change Orders - Financing ECOs to Hardware

DOCUMENT NUMBER: A-DS-EL00100-1C-0000 ORDER NUMBER: EL-00100-1C
RELEASED REVISION AND DATE: K1, 08-Dec-1986
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: Benjamin Aduba, Engineering and Manufacturing Finance
ABSTRACT: Section 1C describes the policy and procedure for financing ECOs to hardware products.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 101-0 Manufacturing Operations Plan for Assembly, Inspection, and Test: Policy and Requirements

DOCUMENT NUMBER: A-DS-EL00101-00-0000 ORDER NUMBER: EL-00101-00
RELEASED REVISION AND DATE: E, 15-Apr-1988
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Jim McCluney, Corporate Quality
ABSTRACT: This Manufacturing standard presents a policy for the structure of a Manufacturing Operations Plan for all manufacturing within Digital Equipment Corporation. This manufacturing Operations Plan allows manufacturing and businesses the flexibility to ensure that controls are implemented so as to be consistent in producing all products in conformance to product and process specification.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 102-0 Environmental Standard for Computers and Peripherals—General Test Requirements

DOCUMENT NUMBER: A-DS-EL00102-00-0000 ORDER NUMBER: EL-00102-00
RELEASED REVISION AND DATE: E, 17-Apr-1987
MANAGEMENT CATEGORY: Product Environmental Requirements (HRE)
RESPONSIBLE PERSON: Frank Grimaldi, Mechanical Technology Development
ABSTRACT: This document defines the environmental conditions to which products marketed by Digital Equipment Corporation must conform before being considered acceptable for product announcement.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 102-1 Environmental Standard for Computers and Peripherals — Temperature, Humidity, and Altitude Test Requirements

DOCUMENT NUMBER: A-DS-EL00102-01-0000 ORDER NUMBER: EL-00102-01
RELEASED REVISION AND DATE: F, 17-Sep-1992 EXPIRATION DATE: 17-Sep-1993
MANAGEMENT CATEGORY: Product Environmental Requirements (HRE)
RESPONSIBLE PERSON: Frank Grimaldi, Mechanical Technology Development
ABSTRACT: This document defines environmental classifications and establishes the test requirements and conditions used to determine that products meet temperature, humidity, and altitude requirements. This revision includes new test criteria.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 102-2 Environmental Standard for Computers and Peripherals—Mechanical Shock and Vibration Test Requirements

DOCUMENT NUMBER: A-DS-EL00102-02-0000 ORDER NUMBER: EL-00102-02
RELEASED REVISION AND DATE: J, 13-Mar-1992
MANAGEMENT CATEGORY: Product Environmental Requirements (HRE)
RESPONSIBLE PERSON: Frank Grimaldi, Mechanical Technology Development
ABSTRACT: This standard establishes the levels of mechanical shock and vibration that Digital hardware products must be able to withstand. It defines environmental classifications and establishes the test requirements and conditions used to determine that products and associated shipping packages meet mechanical shock and vibration requirements.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 102-3 Physical Stability Requirements During Shipping and Handling

DOCUMENT NUMBER: A-DS-EL00102-03-0000 ORDER NUMBER: EL-00102-03
RELEASED REVISION AND DATE: D1, 22-Nov-1989 EXPIRATION DATE: 22-Nov-1990
MANAGEMENT CATEGORY: Product Environmental Requirements (HRE)
RESPONSIBLE PERSON: Frank Grimaldi, Mechanical Technology Development
ABSTRACT: This standard sets forth the physical stability requirements for Digital products that are designed to be free standing when installed. Two product states are considered; the product as installed and the product as shipped.

DEC STD 102-4 Environmental Standard for Computers and Peripherals—Product Acoustic Noise Measurement

DOCUMENT NUMBER: A-DS-EL00102-04-0000 ORDER NUMBER: EL-00102-04
RELEASED REVISION AND DATE: A, 21-Jul-1983
MANAGEMENT CATEGORY: Acoustics (HRA)
RESPONSIBLE PERSON: Bob Lotz, Product Acoustics Group
ABSTRACT: This standard specifies uniform procedures for measuring and reporting acoustical noise emission from Digital products.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 102-7 EMI - Electromagnetic Interference

DOCUMENT NUMBER: A-DS-EL00102-07-0000 ORDER NUMBER: EL-00102-07
DATE: 16-Jan-1984
ABSTRACT: This document has been inactivated; the information has benn consolidated into DEC STD 103-0 Electromagnetic Compatibility (EMC) Hardware Design Requirements.

DEC STD 103-0 Electromagnetic Compatibility (EMC) - Overview and Process Requirements

DOCUMENT NUMBER: A-DS-EL00103-00-0000 ORDER NUMBER: EL-00103-00
RELEASED REVISION AND DATE: C, 11-Jul-1990
MANAGEMENT CATEGORY: Electromagnetic Compatibility (HRC)
RESPONSIBLE PERSON: Peter Boers, Low End Regulatory Engineering
ABSTRACT: This standard introduces the electromagnetic compatibility (EMC) process, including the responsibilities of Design Engineering, the EMC Domain Manager, and other EMC groups. This document is to be used in conjunction with each of the detail sections of DEC STD 103.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 103-1 Electromagnetic Compatibility (EMC) - Documentation and Approval Process

DOCUMENT NUMBER: A-DS-EL00103-01-0000 ORDER NUMBER: EL-00103-01
RELEASED REVISION AND DATE: B, 11-Jul-1990
MANAGEMENT CATEGORY: Electromagnetic Compatibility (HRC)
RESPONSIBLE PERSON: Peter Boers, Low End Regulatory Engineering
ABSTRACT: This standard defines documentation requirements for the EMC certification process. It includes information on internal and external test records, EMC product labeling requirements, user and manufacturer's compliance statements, the compliance approval process external to Digital, and registration/license numbers.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 103-3 Electromagnetic Compatibility (EMC) - Electromagnetic Interference (EMI) Requirements

DOCUMENT NUMBER: A-DS-EL00103-03-0000 ORDER NUMBER: EL-00103-03
RELEASED REVISION AND DATE: A, 11-Jul-1990
MANAGEMENT CATEGORY: Electromagnetic Compatibility (HRC)
RESPONSIBLE PERSON: Peter Boers, Low End Regulatory Engineering
ABSTRACT: This standard defines Electromagnetic Interference (EMI) requirements for Digital products that comply with mandatory external EMI requirements (for instance in the US, Canada, European Community, and Japan). This document also includes information on the test methodologies and the internal (Digital) EMI approval process.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 103-7 Electromagnetic Compatibility (EMC) - Quality Process

DOCUMENT NUMBER: A-DS-EL00103-07-0000 ORDER NUMBER: EL-00103-07
RELEASED REVISION AND DATE: A, 07-Dec-1990 EXPIRATION DATE: 07-Dec-1992
MANAGEMENT CATEGORY: Electromagnetic Compatibility (HRC)
RESPONSIBLE PERSON: Bruce Archambeault, EMC Domain Office
ABSTRACT: This standard outlines a quality assurance process to be used by Digital to ensure the continued EMC quality of each product during its manufacturing lifetime. This standard describes the three parts of the Quality Assurance Process (QAP): the Quality Assurance Test Plan (QATP), the Critical Features List (CFL), and the Critical Features Control Process (CFCP).

FCC Non-compliance Labeling

DOCUMENT NUMBER: A-DS-EL00103-1A-0000 ORDER NUMBER: EL-00103-1A
DATE: 16-Jan-1984
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 104-0 Product Acoustic Noise Limits

DOCUMENT NUMBER: A-DS-EL00104-00-0000 ORDER NUMBER: EL-00104-00
RELEASED REVISION AND DATE: A, 21-Jul-1983
MANAGEMENT CATEGORY: Acoustics (HRA)
RESPONSIBLE PERSON: Bob Lotz, Product Acoustics Group
ABSTRACT: This standard defines the maximum acoustic noise emission levels permitted for equipment sold by Digital.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 105-0 Display Workstation Ergonomics (Human Factors): Design Criteria

DOCUMENT NUMBER: A-DS-EL00105-00-0000 ORDER NUMBER: EL-00105-00
RELEASED REVISION AND DATE: C, 31-Jan-1992 EXPIRATION DATE: 31-Jan-1993
MANAGEMENT CATEGORY: Product Ergonomics (HRH)
RESPONSIBLE PERSON: Charles Abernethy, Human Factors Engineering
ABSTRACT: This standard provides operators with the best terminal and workstation designs based on available knowledge, and it provides design criteria, comments, and recommendations.

Table 3 (Cont.): Documents Sorted By Order Number

Listing of Legal Status of Ergonomic Standards

DOCUMENT NUMBER: A-DG-EL00105-01-0000 ORDER NUMBER: EL-00105-01
RELEASED REVISION AND DATE: A, 29-May-1986
MANAGEMENT CATEGORY: Product Ergonomics (HRH)
RESPONSIBLE PERSON: Charles Abernethy, Human Factors Engineering
ABSTRACT: Numerous ergonomic standards have been written throughout the world and introduced for legal sanction. This document cites the title, date, originating jurisdiction, and legal status of these standards.

Display Work Station Ergonomics (Human Factors): Design Guidelines

DOCUMENT NUMBER: A-DG-EL00105-02-0000 ORDER NUMBER: EL-00105-02
RELEASED REVISION AND DATE: A, 29-May-1986
MANAGEMENT CATEGORY: Product Ergonomics (HRH)
RESPONSIBLE PERSON: Charles Abernethy, Human Factors Engineering
ABSTRACT: These guidelines are intended to provide human design information based on the results of scientific studies. Where applicable, these guidelines are divided into three levels of information: minimal, better, and best. Minimal guidelines are virtually identical to those contained in DEC STD 105-0. Better guidelines are based on known performance results, or they are strongly suggested by the general results of several studies. Best guidelines are based on the best possible criteria (often physiological) for that topic. Part I of this document deals with machine properties: Part II deals with people properties.

DEC STD 106-0 Quality Requirements for Customer Service Parts

DOCUMENT NUMBER: A-DS-EL00106-00-0000 ORDER NUMBER: EL-00106-00
RELEASED REVISION AND DATE: B, 20-Nov-1991 EXPIRATION DATE: 20-Nov-1992
MANAGEMENT CATEGORY: Digital Services Logistics/Test (FT)
RESPONSIBLE PERSON: William Tarver, Digital Services Logistics Engineering
ABSTRACT: This document defines the requirements that service parts must meet in order to complement the corporate effort to achieve, maintain, and improve customer satisfaction. It specifies hardware quality requirements, both to unique Customer Service and common to all parts shipped in options and systems. While this document emphasizes particular requirements, it does not supersede or in any way negate the applicability of any other Digital standard.

DEC STD 107-0 Digital Standard for Terminal Keyboards - Standard Keyboard Layouts

DOCUMENT NUMBER: A-DS-EL00107-00-0000 ORDER NUMBER: EL-00107-00
RELEASED REVISION AND DATE: C1, 31-Oct-1988
MANAGEMENT CATEGORY: Keyboard Design (STS)
RESPONSIBLE PERSON: Chris St Francis, Corporate Design Group
ABSTRACT: This standard defines requirements for VT100 keyboard layouts, keyboard codes, and key pads.
DOCUMENT STATUS: This document is archived; no future revision is planned.

DEC STD 107-1 Digital Standard for Terminal Keyboards - Registry of Graphic Character Sets

DOCUMENT NUMBER: A-DS-EL00107-01-0000 ORDER NUMBER: EL-00107-01
RELEASED REVISION AND DATE: B1, 10-Sep-1990 EXPIRATION DATE: 10-Sep-1991
MANAGEMENT CATEGORY: Terminal Interface Architecture (STI)
RESPONSIBLE PERSON: Tim Lasko, VIPS Hardcopy Engineering
ABSTRACT: This section defines the graphic character sets to be used in Digital hardware and software products for information interchange. The definitions include the code generated by each graphic character. This section contains graphic character sets used as of August, 1981.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 107-2 Digital Standard for Terminal Keyboards—LK201 Character Sets and LK250 Character Sets

DOCUMENT NUMBER: A-DS-EL00107-02-0000 ORDER NUMBER: EL-00107-02
RELEASED REVISION AND DATE: B, 28-Jun-1991 EXPIRATION DATE: 28-Jun-1993
MANAGEMENT CATEGORY: Keyboard Design (STS)
RESPONSIBLE PERSON: Chris St. Francis, Corporate Design Group
ABSTRACT: This section of DEC STD 107 describes the LK201 standard and word processing keyboards and character sets and the LK250 VAXmate keyboards and character sets. (VAXmate is a trademark of Digital Equipment Corporation.) The tables included in this section list key position, key cap legend, and name of character or function. Displays show the layout of each keyboard.

DEC STD 109-0 Massbus Device Drive Address Selection

DOCUMENT NUMBER: A-DS-EL00109-00-0000 ORDER NUMBER: EL-00109-00
RELEASED REVISION AND DATE: B, 29-May-1986
MANAGEMENT CATEGORY: Bus Architecture (SHA)
RESPONSIBLE PERSON: Jim Zahrobsky, Storage Systems Architectural Group
ABSTRACT: This standard is for historical information only. No further products are intended to comply with this document. The selection of peripheral device drive addresses by hardware and software for PDP-8s, PDP–11s, and PDP-10s requires a joint standard for hardware and software. The standard applies specifically to MASSBUS devices and how they are to be addressed by releases of the operating systems for those three machines. The major goal is to specify a reliable way to ensure the availability of a system even though drive 0 is down.
DOCUMENT STATUS: This document is archived; no future revision is planned.

DEC STD 110-0 DEC Standard for Escape Sequences

DOCUMENT NUMBER: A-DS-EL00110-00-0000 ORDER NUMBER: EL-00110-00
DATE: 04-Jan-1985
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 111-0 DEC Standard for Terminal Synchronization Release

DOCUMENT NUMBER: A-DS-EL00111-00-0000 ORDER NUMBER: EL-00111-00
DATE: 23-Oct-1987
ABSTRACT: This document has been inactivated. The information from this standard has been updated and incorporated into DEC STD 070-12 Terminal Synchronization.

DEC STD 112-0 Standard Date Format for Output

DOCUMENT NUMBER: A-DS-EL00112-00-0000 ORDER NUMBER: EL-00112-00
RELEASED REVISION AND DATE: C1, 29-Jun-1990 EXPIRATION DATE: 31-Dec-1992
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: Peter Conklin, Customer User Group
ABSTRACT: This standard ensures an unambiguous interpretation of dates by readers around the world. This format is one which is in common use throughout most of the world, is reasonably terse, is well human-engineered, and is easy to produce in any computer system.

DEC STD 114-0 Engineering Drawing Requirements - Industry Standards Adopted by Digital Engineering and Manufacturing Documentation Organizations

DOCUMENT NUMBER: A-DS-EL00114-00-0000 ORDER NUMBER: EL-00114-00
RELEASED REVISION AND DATE: B1, 11-Jun-1990 EXPIRATION DATE: 13-Mar-1991
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Mark Moynihan, VMS Systems and Servers
ABSTRACT: This standard lists the industry standards that are part of Digital's drawing requirements for engineering drawings.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 114-1 Engineering Drawing Requirements - Dimensioning and Tolerancing for Engineering Drawings

DOCUMENT NUMBER: A-DS-EL00114-01-0000 ORDER NUMBER: EL-00114-01
RELEASED REVISION AND DATE: B1, 15-Jun-1990 EXPIRATION DATE: 15-Jun-1991
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Mark Moynihan, VMS Systems and Servers
ABSTRACT: This standard presents Digital's requirements for dimensioning and tolerancing engineering drawings. It provides guidelines for using inches and millimeters as units of measure, and for application of general tolerancing on engineering drawings.

DEC STD 115-0 Manufacturing Plant Documentation (MPD) Identification and Control

DOCUMENT NUMBER: A-DS-EL00115-00-0000 ORDER NUMBER: EL-00115-00
RELEASED REVISION AND DATE: E, 06-Jan-1992 EXPIRATION DATE: 06-Jan-1993
MANAGEMENT CATEGORY: Manufacturing Documentation (TDM)
RESPONSIBLE PERSON: Chip McConney, Standards and Methods Control (SMC)
ABSTRACT: This standard describes the document identification and control requirements necessary to index and retrieve manufacturing plant documentation. It also provides guidelines and recommended practices for generating manufacturing plant-specific documentation.

DEC STD 116-0 Workmanship Standards Manual - Introduction

DOCUMENT NUMBER: A-DS-EL00116-00-0000 ORDER NUMBER: EL-00116-00
RELEASED REVISION AND DATE: L, 25-May-1990 EXPIRATION DATE: 25-May-1991
MANAGEMENT CATEGORY: Workmanship (MQW)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document provides the workmanship criteria to be applied in the manufacture and maintenance of Digital products.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM116-01-0000.

DEC STD 116-1 Workmanship Standards Manual - Printed-Wiring Boards

DOCUMENT NUMBER: A-DS-EL00116-01-0000 ORDER NUMBER: EL-00116-01
RELEASED REVISION AND DATE: N, 28-Aug-1987
MANAGEMENT CATEGORY: Workmanship (MQW)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document provides the workmanship criteria to be applied in the manufacture and maintenance of Digital printed-wiring board products.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 116-2 Workmanship Standards Manual - Soldered Terminations

DOCUMENT NUMBER: A-DS-EL00116-02-0000 ORDER NUMBER: EL-00116-02
RELEASED REVISION AND DATE: H, 15-Oct-1982 EXPIRATION DATE: 20-Apr-1993
MANAGEMENT CATEGORY: Workmanship (MQW)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document provides the criteria for craftsmanship to be applied to soldered terminations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM116-01-0000.

DEC STD 116-3 Workmanship Standards Manual - Solderless Crimped Terminations

DOCUMENT NUMBER: A-DS-EL00116-03-0000 ORDER NUMBER: EL-00116-03
RELEASED REVISION AND DATE: E, 12-May-1981 EXPIRATION DATE: 20-Apr-1993
MANAGEMENT CATEGORY: Workmanship (MQW)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document provides the criteria for craftsmanship to be applied to solderless crimped terminations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM116-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 116-4 Workmanship Standards Manual - Cables and Harnesses

DOCUMENT NUMBER:	A-DS-EL00116-04-0000	ORDER NUMBER:	EL-00116-04
RELEASED REVISION AND DATE:	D, 12-May-1981	EXPIRATION DATE:	24-Apr-1993
MANAGEMENT CATEGORY:	Workmanship (MQW)		
RESPONSIBLE PERSON:	Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)		
ABSTRACT:	This document provides the criteria for craftsmanship to be applied to manufacturing cables and harnesses.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM116-01-0000.		

DEC STD 116-5 Workmanship Standards Manual - Retaining Hardware and Mechanical Fasteners

DOCUMENT NUMBER:	A-DS-EL00116-05-0000	ORDER NUMBER:	EL-00116-05
RELEASED REVISION AND DATE:	F, 14-Jan-1991	EXPIRATION DATE:	14-Jan-1993
MANAGEMENT CATEGORY:	Workmanship (MQW)		
RESPONSIBLE PERSON:	Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)		
ABSTRACT:	This document provides the workmanship criteria to be applied to retaining hardware and mechanical fasteners used on Digital products. Retaining hardware includes screws, eyelets, and rivets.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM116-01-0000.		

DEC STD 116-6 Workmanship Standards Manual - Wirewrap and Logic Assemblies

DOCUMENT NUMBER:	A-DS-EL00116-06-0000	ORDER NUMBER:	EL-00116-06
RELEASED REVISION AND DATE:	F, 15-Oct-1982	EXPIRATION DATE:	24-Apr-1993
MANAGEMENT CATEGORY:	Workmanship (MQW)		
RESPONSIBLE PERSON:	Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)		
ABSTRACT:	This document provides the criteria for craftsmanship to be applied to wirewrap assembly manufacturing.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM116-01-0000.		

DEC STD 116-7 Workmanship Standards Manual - Safety

DOCUMENT NUMBER:	A-DS-EL00116-07-0000	ORDER NUMBER:	EL-00116-07
DATE:	26-Mar-1991		
ABSTRACT:	Information regarding safety in the workplace is available in documents A-SP-ELMF737-00-0 through A-SP-ELMF746-00-0.		

DEC STD 116-8 Workmanship Standards Manual - Technical Data

DOCUMENT NUMBER:	A-DS-EL00116-08-0000	ORDER NUMBER:	EL-00116-08
RELEASED REVISION AND DATE:	F, 28-Aug-1987	EXPIRATION DATE:	24-Apr-1993
MANAGEMENT CATEGORY:	Workmanship (MQW)		
RESPONSIBLE PERSON:	Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)		
ABSTRACT:	This document provides the criteria for craftsmanship in applying technical data and identification marks in manufacturing.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM116-01-0000.		

DEC STD 116-9 Workmanship Standards Manual - Surface Mount

DOCUMENT NUMBER:	A-DS-EL00116-09-0000	ORDER NUMBER:	EL-00116-09
RELEASED REVISION AND DATE:	E, 15-Sep-1992	EXPIRATION DATE:	15-Sep-1993
MANAGEMENT CATEGORY:	Workmanship (MQW)		
RESPONSIBLE PERSON:	Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)		
ABSTRACT:	This standard provides the workmanship criteria to be applied in the manufacture and maintenance of Digital products that contain surface mount components.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 116 35-MM Slides

DOCUMENT NUMBER: A-DX-EL00116-SL-0000 ORDER NUMBER: EL-00116-SL
RELEASED REVISION AND DATE: A, 03-Oct-1983
MANAGEMENT CATEGORY: Workmanship (MQW)
RESPONSIBLE PERSON: Chip McConney, Standards and Methods Control
ABSTRACT: Provides a complete set of color slides used in DEC STD 116.

Listing of Workmanship Standards Manual Slides

DOCUMENT NUMBER: A-GL-EL00116-SL-0000 ORDER NUMBER: EL-00116-SL
RELEASED REVISION AND DATE: B, 02-Feb-1987
MANAGEMENT CATEGORY: Workmanship (MQW)
RESPONSIBLE PERSON: Chip McConney, Standards and Methods Control
ABSTRACT: This document is the directory for the set of 35-mm color slides that show the workmanship criteria examples that appear DEC STD 116 sections.
DOCUMENT STATUS: Cannot be ordered separately. See A-DX-EL00116-SL-0000.

DEC STD 117-0 Print Sets

DOCUMENT NUMBER: A-DS-EL00117-00-0000 ORDER NUMBER: EL-00117-00
RELEASED REVISION AND DATE: J, 24-Aug-1990 EXPIRATION DATE: 24-Aug-1992
MANAGEMENT CATEGORY: Product Documentation (HCP)
RESPONSIBLE PERSON: Brian Buda, Engineering Information & Image Management
ABSTRACT: This standard establishes criteria for the format, content, and production of print sets. It specifies the type of engineering drawings to be included in a print set and how they are to be organized for a particular hardware product.

DEC STD 118-0 Standard for Indexes, Appendixes, Running Heads and Section Numbering for Software Documentation Manuals

DOCUMENT NUMBER: A-DS-EL00118-00-0000 ORDER NUMBER: EL-00118-00
DATE: 14-Nov-1985
ABSTRACT: This document has been inactivated.

DEC STD 119-0 Digital Product Safety—Introduction and General Requirements

DOCUMENT NUMBER: A-DS-EL00119-00-0000 ORDER NUMBER: EL-00119-00
RELEASED REVISION AND DATE: K1, 19-Sep-1991
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Robert E. Johnson, Corporate Product Safety and Regulations
ABSTRACT: This standard defines the safety criteria for all Digital products. Policies for product safety submittal and certification, buyout products, and prototype products are specified.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 119-1 Digital Product Safety — Design Criteria

DOCUMENT NUMBER: A-DS-EL00119-01-0000 ORDER NUMBER: EL-00119-01
RELEASED REVISION AND DATE: K1, 15-Feb-1990
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Robert E. Johnson, Corporate Product Safety and Regulations
ABSTRACT: This standard defines the safety design criteria for all Digital products. It describes the role of product safety engineers and defines Digital-unique requirements for geopolitical areas, voltage and temperature test limits, ozone emissions, chemicals, incomplete product requirements, and product recall information.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 119-2 Digital Product Safety - Test Procedures

DOCUMENT NUMBER: A-DS-EL00119-02-0000 ORDER NUMBER: EL-00119-02
RELEASED REVISION AND DATE: L, 07-Apr-1992 EXPIRATION DATE: 07-Apr-1993
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Robert E. Johnson, Corporate Product Safety and Regulations
ABSTRACT: This document presents general information about test procedures required to determine that products meet design criteria of DEC STD 119-1, and it lists the detailed Test Methods that define the procedures to perform a specific test.

DEC STD 119-3 DIGITAL Product Safety as C100 Requirements

DOCUMENT NUMBER: A-DS-EL00119-03-0000 ORDER NUMBER: EL-00119-03
DATE: 03-Jul-1986
ABSTRACT: This document has been inactivated; the information has been consolidated into DEC STD 119-1 Digital Product Safety Design Criteria.

Product Safety

DOCUMENT NUMBER: A-DS-EL00119-04-0000 ORDER NUMBER: EL-00119-04
DATE: 12-Nov-1981
ABSTRACT: This document has been inactivated; the information has been consolidated into DEC STD 119-1 Digital Product Safety Design Criteria.

DEC STD 119-5 Process for Design, Evaluation, Testing, and Certification of Hardware Products to Product Safety Requirements

DOCUMENT NUMBER: A-DS-EL00119-05-0000 ORDER NUMBER: EL-00119-05
RELEASED REVISION AND DATE: D, 10-Jun-1992 EXPIRATION DATE: 15-Apr-1993
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Robert E. Johnson, Corporate Product Safety and Regulations (CPS&R)
ABSTRACT: This document specifies the process to be followed by Product Safety and Design Engineering groups to ensure that hardware products manufactured or sold by Digital are designed to comply with internal and external product safety standards, and are certified to these standards by independent, external agencies.

Test Method for Permanence of Marking

DOCUMENT NUMBER: A-SP-EL00119-TM-00D1 ORDER NUMBER: EL-00119-TM-00D1
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To test the product label(s) adhesion and resistance to defacement.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Abnormal Temperature Test

DOCUMENT NUMBER: A-SP-EL00119-TM-00D2 ORDER NUMBER: EL-00119-TM-00D2
RELEASED REVISION AND DATE: B, 29-May-1987
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine if a machine remains safe after the occurrence of a single fault and the consequential damage resulting from that fault. It is not required that the equipment remain functional either during or after the test, only that it remain safe for an operator within the meaning of DEC STD 119-1.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method for SELV Circuits

DOCUMENT NUMBER: A-SP-EL00119-TM-00D3 ORDER NUMBER: EL-00119-TM-00D3
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure that the product will maintain safe voltage levels on SELV circuits in the event of failure of insulation or spacings not meeting the SELV design criteria.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Transformer Overload/Short Circuit

DOCUMENT NUMBER: A-SP-EL00119-TM-00D4 ORDER NUMBER: EL-00119-TM-00D4
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure that the unit, under fault conditions typical of transformer failures and overloads, cannot produce a hazard during its intended operation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Motors - Locked-Rotor

DOCUMENT NUMBER: A-SP-EL00119-TM-00D5 ORDER NUMBER: EL-00119-TM-00D5
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To test that the unit under locked-rotor conditions cannot produce a hazard during its intended operation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for DC Motors in Secondary Circuits - Locked-Rotor

DOCUMENT NUMBER: A-SP-EL00119-TM-00D6 ORDER NUMBER: EL-00119-TM-00D6
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To test that the unit, under fault conditions, cannot produce a hazard during its intended operation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Motors With Capacitors

DOCUMENT NUMBER: A-SP-EL00119-TM-00D7 ORDER NUMBER: EL-00119-TM-00D7
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To test that the unit, under fault conditions, cannot produce a hazard during its intended operation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Three-phase Motors

DOCUMENT NUMBER: A-SP-EL00119-TM-00D8 ORDER NUMBER: EL-00119-TM-00D8
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To test that the unit, under fault conditions, cannot produce a hazard during its intended operation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method for Motors - Running Overload

DOCUMENT NUMBER: A-SP-EL00119-TM-00D9 ORDER NUMBER: EL-00119-TM-00D9
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To test that the unit, under fault conditions, cannot produce a hazard during its intended operation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Equipment Starting

DOCUMENT NUMBER: A-SP-EL00119-TM-00E1 ORDER NUMBER: EL-00119-TM-00E1
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure the surge current to equipment at startup does not cause tripping of the branch overcurrent protection.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Stored Charge (Line Cord)

DOCUMENT NUMBER: A-SP-EL00119-TM-00E2 ORDER NUMBER: EL-00119-TM-00E2
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure that a stored charge of no more than 34V peak exists on the exposed pins of the cord and/or appliance inlet for plug connected equipment.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Capacitor Discharge

DOCUMENT NUMBER: A-SP-EL00119-TM-00E3 ORDER NUMBER: EL-00119-TM-00E3
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure that capacitor discharge potential for any and all capacitors in the equipment does not exceed 42.4 volts and 20 joules
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Input Current

DOCUMENT NUMBER: A-SP-EL00119-TM-00E5 ORDER NUMBER: EL-00119-TM-00E5
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that the input line current drawn from a fully loaded product does not exceed the nameplate rating by more than 10% at rated voltage.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Leakage Current

DOCUMENT NUMBER: A-SP-EL00119-TM-00E6 ORDER NUMBER: EL-00119-TM-00E6
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that the leakage current flow of a fully loaded product is within safe limits at the nominal and upper limits of the operating voltages as specified in the product specification.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method for Dielectric Strength

DOCUMENT NUMBER: A-SP-EL00119-TM-00E7 ORDER NUMBER: EL-00119-TM-00E7
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that a unit is capable of withstanding, for one minute, without breakdown, the application of an essentially sinusoidal voltage at a frequency in the range of 40 to 70 Hz.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Endurance

DOCUMENT NUMBER: A-SP-EL00119-TM-00E8 ORDER NUMBER: EL-00119-TM-00E8
DATE: 18-Apr-1991
ABSTRACT: This test method has been inactivated; there is no replacement.

Test Method for Battery Charging Means

DOCUMENT NUMBER: A-SP-EL00119-TM-00E9 ORDER NUMBER: EL-00119-TM-00E9
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure that the battery case temperature rise during battery charging mode does not exceed acceptable limit and that charging of batteries does not result in a hazard.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Accessibility

DOCUMENT NUMBER: A-SP-EL00119-TM-00N1 ORDER NUMBER: EL-00119-TM-00N1
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure enclosures are designed to prevent contact with mechanical or electrical hazards.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Physical Stability: Ten Degree Tilt

DOCUMENT NUMBER: A-SP-EL00119-TM-00N2 ORDER NUMBER: EL-00119-TM-00N2
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that a unit will not tip over when tilted 10 degrees from the normal free standing upright position.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Physical Stability: 800-Newton Force (Step)

DOCUMENT NUMBER: A-SP-EL00119-TM-00N3 ORDER NUMBER: EL-00119-TM-00N3
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that a floor standing unit is not physically unstable when a constant downward force of 800 N is applied at point of maximum moment to any horizontal working surface or surface offering an obvious foothold at a height not exceeding one meter from the floor.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method for Physical Stability: 250-Newton Force (Operator)

DOCUMENT NUMBER: A-SP-EL00119-TM-00N4 ORDER NUMBER: EL-00119-TM-00N4
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that a floor standing unit will not become physically unstable during normal use.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Physical Stability: 250-Newton Force (Servicing)

DOCUMENT NUMBER: A-SP-EL00119-TM-00N5 ORDER NUMBER: EL-00119-TM-00N5
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that a floor standing unit will not become physically unstable during servicing.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Chassis Slide Strength

DOCUMENT NUMBER: A-SP-EL00119-TM-00N6 ORDER NUMBER: EL-00119-TM-00N6
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure that chassis slides will safely and dependably carry the weight of the unit.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Mechanical Strength of Enclosures and Guards (Ball Impact Test)

DOCUMENT NUMBER: A-SP-EL00119-TM-00N7 ORDER NUMBER: EL-00119-TM-00N7
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that the mechanical strength of the enclosure and guards can withstand an impact force of a 50mm (2 inch) diameter steel ball weighing 540 grams (1.18 pounds) dropped from a height of 1.3 meters (51-3/16 inches) and not result in cracks or openings that could create a hazard during normal handling of the unit.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Mechanical Strength of Enclosures: 30-Newton Force

DOCUMENT NUMBER: A-SP-EL00119-TM-00N9 ORDER NUMBER: EL-00119-TM-00N9
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that the mechanical strength of an internal cover or guard, or any operator accessible barrier, is sufficient to withstand the forces expected in normal daily use without developing cracks or openings that do not meet the accessibility requirements of the standard.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method for Series Motors

DOCUMENT NUMBER: A-SP-EL00119-TM-0D10 ORDER NUMBER: EL-00119-TM-0D10
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To test that the unit under fault conditions cannot produce a hazard during its intended operation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Switch Overload

DOCUMENT NUMBER: A-SP-EL00119-TM-0D11 ORDER NUMBER: EL-00119-TM-0D11
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To test that switches, due to overload and contact failure, cannot produce a hazard during intended operation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for X-Radiation (Abnormal Conditions)

DOCUMENT NUMBER: A-SP-EL00119-TM-0D12 ORDER NUMBER: EL-00119-TM-0D12
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To measure during fault conditions the Ionizing Radiation of CRT products for conformance with countries' specific Radiation Acts and Regulations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for CRT Implosion

DOCUMENT NUMBER: A-SP-EL00119-TM-0D13 ORDER NUMBER: EL-00119-TM-0D13
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure the safety of the operator in event of implosion of the cathode ray tube (CRT).
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Flammability

DOCUMENT NUMBER: A-SP-EL00119-TM-0D14 ORDER NUMBER: EL-00119-TM-0D14
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: These tests provide flammability ratings for combustible materials, allowing controlled use and limited fire spread.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method External Wiring Overload

DOCUMENT NUMBER: A-SP-EL00119-TM-0D15 ORDER NUMBER: EL-00119-TM-0D15
RELEASED REVISION AND DATE: A, 29-May-1987
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure faults, misconnections and other sources of overload on operator accessible connectors are incapable of causing fire or injury due to problems with the product or with the overheating of the interconnection cable.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method for Ozone

DOCUMENT NUMBER: A-SP-EL00119-TM-0E11 ORDER NUMBER: EL-00119-TM-0E11
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To ensure that the emitted levels of ozone do not exceed the maximum allowable.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Determining Surface Resistivity

DOCUMENT NUMBER: A-SP-EL00119-TM-0E12 ORDER NUMBER: EL-00119-TM-0E12
DATE: 04-Apr-1991
ABSTRACT: This test method tests the surface resistivity of a two-dimensional conductor such as a paint film. The test is not a required Digital product safety test. This test method specification is inactivated; there is no replacement.

Test Method for Mechanical Strength of Enclosures: 250-newton Force

DOCUMENT NUMBER: A-SP-EL00119-TM-0N10 ORDER NUMBER: EL-00119-TM-0N10
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that the mechanical strength of the enclosure, external guards, and barriers will withstand a force of 56 pounds(250 N) and not result in reduced spacings or distortion that could create a hazard during normal handling of the unit.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Mechanical Strength of Handles and Knobs

DOCUMENT NUMBER: A-SP-EL00119-TM-0N11 ORDER NUMBER: EL-00119-TM-0N11
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that handles, knobs, grips, levers, and the like are reliably fixed so that they will not work loose in normal use if loosening could result in a hazard. To determine that handles are sufficiently strong to support the weight of the unit.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Mechanical Strength of Fasteners

DOCUMENT NUMBER: A-SP-EL00119-TM-0N12 ORDER NUMBER: EL-00119-TM-0N12
DATE: 04-Apr-1991
ABSTRACT: To determine that screwed connections, electrical or otherwise, are capable of withstanding the mechanical stresses occurring in normal use, if their loosening or failure could result in a hazard. This test method has been inactivated; there is no replacement.

Test Method for Grounding

DOCUMENT NUMBER: A-SP-EL00119-TM-0N14 ORDER NUMBER: EL-00119-TM-0N14
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that the connection between safety earth ground and parts required to be grounded is of low resistance.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method for Elevated Temperature Testing

DOCUMENT NUMBER:	A-SP-EL00119-TM-0N17	ORDER NUMBER:	EL-00119-TM-0N17
RELEASED REVISION AND DATE:	B, 29-May-1987		
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	To verify that materials, other than metal, making up enclosures can withstand high ambient temperatures without becoming damaged.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM119-01-0000.		

Test Method for Strain Reliefs

DOCUMENT NUMBER:	A-SP-EL00119-TM-0N18	ORDER NUMBER:	EL-00119-TM-0N18
RELEASED REVISION AND DATE:	A, 29-Aug-1985		
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	To determine that mechanical stress on the supply cord, including rotation, will not be transmitted to terminals, splices, or internal wiring.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM119-01-0000.		

Test Method for Sharp Edges

DOCUMENT NUMBER:	A-SP-EL00119-TM-0N19	ORDER NUMBER:	EL-00119-TM-0N19
RELEASED REVISION AND DATE:	A, 29-Aug-1985		
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	To demonstrate that all exposed edges, corners, or projections are sufficiently smooth and not sharp enough to cause injury to persons during intended use or operator maintenance.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM119-01-0000.		

Test Method for Printed-wiring Board Coatings

DOCUMENT NUMBER:	A-SP-EL00119-TM-0N20	ORDER NUMBER:	EL-00119-TM-0N20
RELEASED REVISION AND DATE:	A, 29-Aug-1985		
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	To determine that coatings applied to allow reduction of creepage and clearance distance on printed-wiring boards are of sufficient quality to ensure that the reduced creepage and clearance distances are protected.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM119-01-0000.		

Test Method for Ignition Through Bottom Panel Openings - Hot Flaming Oil

DOCUMENT NUMBER:	A-SP-EL00119-TM-0N22	ORDER NUMBER:	EL-00119-TM-0N22
RELEASED REVISION AND DATE:	A, 29-Aug-1985		
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	To demonstrate that non-standard bottom construction is capable of preventing flaming material from causing a fire outside the unit.		
DOCUMENT STATUS:	Cannot be ordered separately. See A-MN-ELSM119-01-0000.		

Table 3 (Cont.): Documents Sorted By Order Number

Test Method for Ignition Through Bottom Panel Openings - Molten PVC and Copper

DOCUMENT NUMBER: A-SP-EL00119-TM-0N23 ORDER NUMBER: EL-00119-TM-0N23
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To demonstrate that non-standard bottom panel construction is capable of preventing flaming material from causing a fire outside the unit.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for CRT Enclosures Non-Operating Impact

DOCUMENT NUMBER: A-SP-EL00119-TM-0N24 ORDER NUMBER: EL-00119-TM-0N24
RELEASED REVISION AND DATE: A, 29-Aug-1985
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To determine that the mechanical strength of a CRT enclosure can withstand an impact force of 6.8 Joules using a 50mm (2 inch) diameter steel ball weighing 540 grams (1.18 pounds).
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Test Method for Rusting

DOCUMENT NUMBER: A-SP-EL00119-TM-0N25 ORDER NUMBER: EL-00119-TM-0N25
DATE: 04-Apr-1991
ABSTRACT: To determine that ferrous parts, the rusting of which might cause the equipment to fail, are adequately protected against rusting. This test method has been inactivated; there is no replacement.

Test Method for Equipment With Adjustable Supply Voltages

DOCUMENT NUMBER: A-SP-EL00119-TM-0N26 ORDER NUMBER: EL-00119-TM-0N26
DATE: 18-Apr-1991
ABSTRACT: To determine that equipment with provisions for adjustment to different supply voltages requires a tool to make those adjustments if changing of the setting results in a hazard. This test method specification is inactivated; there is no replacement.

Test Method for Control Devices Requiring Manual Adjustment

DOCUMENT NUMBER: A-SP-EL00119-TM-0N27 ORDER NUMBER: EL-00119-TM-0N27
DATE: 18-Apr-1991
ABSTRACT: To determine that equipment is constructed so that manual adjustment of control devices requires the use of a tool if inadvertent adjustment creates a hazard. This test method has been inactivated; there is no replacement.

Test Method for Thermoplastic Mountings of Hazardous Live Parts

DOCUMENT NUMBER: A-SP-EL00119-TM-0N28 ORDER NUMBER: EL-00119-TM-0N28
RELEASED REVISION AND DATE: A, 29-May-1987
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: To verify that thermoplastic materials have the high temperature integrity needed for mounting of hazardous live parts.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM119-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 120-0 Product Thermal Design Standard: Design Requirements

DOCUMENT NUMBER: A-DS-EL00120-00-0000 ORDER NUMBER: EL-00120-00
RELEASED REVISION AND DATE: B1, 20-Sep-1991 EXPIRATION DATE: 20-Sep-1992
MANAGEMENT CATEGORY: Thermal Design (HPT)
RESPONSIBLE PERSON: Ralph Larson, Mechanical Technology Development (MTD)
ABSTRACT: This standard establishes the minimum thermal requirements for acceptable Digital products and defines the responsibilities and procedures required to design products to meet these requirements.

DEC STD 121-0 Digital Data Communications Message Protocol (DDCMP)

DOCUMENT NUMBER: A-DS-EL00121-00-0000 ORDER NUMBER: EL-00121-00
DATE: 18-Apr-1985
ABSTRACT: This document has been inactivated and replaced by DEC STD 200-10.

DEC STD 122-0 AC Power Line Standard: Design Requirements and Guidelines

DOCUMENT NUMBER: A-DS-EL00122-00-0000 ORDER NUMBER: EL-00122-00
RELEASED REVISION AND DATE: J, 20-May-1992 EXPIRATION DATE: 20-May-1993
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: John Cross, Power Systems Engineering (PSE)
ABSTRACT: This standard provides design requirements and guidelines for power supplies, power control equipment, and other devices that operate from primary ac power.

DEC STD 122-1 AC Power Line Standard - Measurement of AC Power Parameters

DOCUMENT NUMBER: A-DS-EL00122-01-0000 ORDER NUMBER: EL-00122-01
RELEASED REVISION AND DATE: B4, 30-Aug-1991 EXPIRATION DATE: 30-Aug-1992
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: John Cross, Power Systems Engineering
ABSTRACT: Describes how to measure ac power parameters for power supplies, power control equipment, and other devices that operate from primary ac power sources.

DEC STD 123-0 Power Control Bus Standard

DOCUMENT NUMBER: A-DS-EL00123-00-0000 ORDER NUMBER: EL-00123-00
RELEASED REVISION AND DATE: D, 21-Sep-1989 EXPIRATION DATE: 21-Sep-1990
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: John Cross, Power Systems Engineering
ABSTRACT: This standard defines the Digital power control bus and its electrical and mechanical components.

DEC STD 124-0 Format Standard for Manuals Produced on Typeset Media

DOCUMENT NUMBER: A-DS-EL00124-00-0000 ORDER NUMBER: EL-00124-00
DATE: 23-Jun-1986
ABSTRACT: This standard has been inactivated and not replaced. This standard does not reflect current publishing practices carried out by Educational Services Development and Publishing.

DEC STD 125-0 Cassette Format Standard for Labelled and Unlabelled Files

DOCUMENT NUMBER: A-DS-EL00125-00-0000 ORDER NUMBER: EL-00125-00
DATE: 23-Sep-1986
ABSTRACT: This standard has been inactivated; there is no replacement.

DEC STD 126-0 Packaged Systems Documentation Structure

DOCUMENT NUMBER: A-DS-EL00126-00-0000 ORDER NUMBER: EL-00126-00
DATE: 03-Nov-1988
ABSTRACT: This standard has been inactivated; refer to DEC STD 012-3 Packaged System Identification Standard.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 128-0 Security Classifications for Engineering Intellectual Property — Policy and Regulations

DOCUMENT NUMBER:	A-DS-EL00128-00-0000	ORDER NUMBER:	EL-00128-00
RELEASED REVISION AND DATE:	C, 29-Oct-1991	EXPIRATION DATE:	29-Oct-1992
MANAGEMENT CATEGORY:	Cross Documentation Vocabulary and Practices (TDV)		
RESPONSIBLE PERSON:	David Hamilton, Engineering Security		
ABSTRACT:	This standard defines Digital policy and requirements for classifying, labeling, storing, and distributing Digital engineering intellectual property that is classified as Digital Restricted Distribution, Digital Confidential, or Digital Internal Use Only.		

DEC STD 129-0 Software Box Requirements and Procedures

DOCUMENT NUMBER:	A-DS-EL00129-00-0000	ORDER NUMBER:	EL-00129-00
DATE:	01-May-1990		
ABSTRACT:	The concept of the 'software box' is no longer used to distribute software products. This standard has been inactivated; there is no replacement.		

DEC STD 130-0 Product/Program Business Plan: Content Requirements and Format Guidelines

DOCUMENT NUMBER:	A-DS-EL00130-00-0000	ORDER NUMBER:	EL-00130-00
RELEASED REVISION AND DATE:	E, 01-Sep-1992	EXPIRATION DATE:	01-Sep-1993
MANAGEMENT CATEGORY:	Product Management Process Requirements (TPR)		
RESPONSIBLE PERSON:	Gailyn Casaday, Product Management Forum		
ABSTRACT:	This standard describes the contents and format of Digital business plans.		

DEC STD 131-0 Traceability Policy

DOCUMENT NUMBER:	A-DS-EL00131-00-0000	ORDER NUMBER:	EL-00131-00
RELEASED REVISION AND DATE:	D, 21-Jun-1991	EXPIRATION DATE:	21-Jun-1993
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	This standard defines the Digital requirements for the traceability of component parts, subassemblies, and serialized finished products manufactured, marketed, or sold by Digital. Repaired or refurbished parts, subassemblies, and serialized finished products are also covered by this traceability standard.		

DEC STD 131-1 Controlled Components

DOCUMENT NUMBER:	A-DS-EL00131-01-0000	ORDER NUMBER:	EL-00131-01
RELEASED REVISION AND DATE:	B, 21-Jun-1991	EXPIRATION DATE:	21-Jun-1993
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	This standard defines the meaning of controlled components and provides a listing of common controlled components.		

DEC STD 131-2 Telecommunications Controlled Components

DOCUMENT NUMBER:	A-DS-EL00131-02-0000	ORDER NUMBER:	EL-00131-02
RELEASED REVISION AND DATE:	A1, 19-May-1989		
MANAGEMENT CATEGORY:	Product Safety (HRS)		
RESPONSIBLE PERSON:	Michael Neuffer, Corporate Product Safety and Regulations		
ABSTRACT:	This standard defines the meaning of telecommunication product-controlled components.		
DOCUMENT STATUS:	Caution: Document change is in progress.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 132-0 Digital Services Safety and Liability Policies and Procedures

DOCUMENT NUMBER: A-DS-EL00132-00-0000 ORDER NUMBER: EL-00132-00
RELEASED REVISION AND DATE: C2, 31-Jul-1991 EXPIRATION DATE: 31-Jul-1993
MANAGEMENT CATEGORY: Digital Services Product Safety (FS)
RESPONSIBLE PERSON: Stephen Russo, Digital Services Safety and Liability
ABSTRACT: This standard defines Digital Equipment Corporation's policies for reporting, pre-investigation, investigation, and problem resolution of alleged product safety incidents. It also defines the Product Safety Recall process for any part or product manufactured, sold, or serviced by Digital Equipment Corporation.

DEC STD 132-1 Reporting of Alleged Product Safety Incidents

DOCUMENT NUMBER: A-DS-EL00132-01-0000 ORDER NUMBER: EL-00132-01
DATE: 05-Dec-1988
ABSTRACT: This standard has been inactivated; the information contained in this document has been incorporated into DEC STD 132-0 Field Service Product Safety Policies and Procedures Rev C.

DEC STD 132-2 Pre-investigation of Alleged Product Safety Incidents

DOCUMENT NUMBER: A-DS-EL00132-02-0000 ORDER NUMBER: EL-00132-02
DATE: 05-Dec-1988
ABSTRACT: This standard has been inactivated; the information contained in this document has been incorporated into DEC STD 132-0 Field Service Product Safety Policies and Procedures Rev C.

DEC STD 132-3 Investigation of Alleged Product Safety Incidents and Problem Resolution of Product Safety Hazards

DOCUMENT NUMBER: A-DS-EL00132-03-0000 ORDER NUMBER: EL-00132-03
DATE: 05-Dec-1988
ABSTRACT: This standard has been inactivated; the information contained in this document has been incorporated into DEC STD 132-0 Field Service Product Safety Policies and Procedures Rev C.

DEC STD 132-4 Digital Field Service Product Safety Policies and Procedures Manual - Product Safety Retrofit

DOCUMENT NUMBER: A-DS-EL00132-04-0000 ORDER NUMBER: EL-00132-04
DATE: 05-Dec-1988
ABSTRACT: This standard has been inactivated; the information contained in this document has been incorporated into DEC STD 132-0 Field Service Product Safety Policies and Procedures Rev C.

DEC STD 132-5 Digital Field Service Product Safety Policies and Procedures Manual - Product Recall

DOCUMENT NUMBER: A-DS-EL00132-05-0000 ORDER NUMBER: EL-00132-05
DATE: 05-Dec-1988
ABSTRACT: This standard has been inactivated; the information contained in this document has been incorporated into DEC STD 132-0 Field Service Product Safety Policies and Procedures Rev C.

DEC STD 133-1 Integrated Circuit Documentation and Test System Control

DOCUMENT NUMBER: A-DS-EL00133-01-0000 ORDER NUMBER: EL-00133-01
DATE: 09-Mar-1984
ABSTRACT: This document has been inactivated. There is no replacement.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 133-2 Integrated Circuit Documentation and Test System Control

DOCUMENT NUMBER: A-DS-EL00133-02-0000 ORDER NUMBER: EL-00133-02
DATE: 09-Mar-1984
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 133-3 Integrated Circuit Documentation and Test System Control

DOCUMENT NUMBER: A-DS-EL00133-03-0000 ORDER NUMBER: EL-00133-03
DATE: 09-Mar-1984
ABSTRACT: This document has been inactivated; there is no replacement.

DEC STD 134-0 Digital CSMA/CD (Ethernet) Local Area Network Specification

DOCUMENT NUMBER: A-DS-EL00134-00-0000 ORDER NUMBER: EL-00134-00
RELEASED REVISION AND DATE: B, 10-Jan-1990 EXPIRATION DATE: 10-Jan-1991
MANAGEMENT CATEGORY: Digital Network Architecture (SN)
RESPONSIBLE PERSON: Henry Yang, Distributed Systems Architecture
ABSTRACT: A Local Area Network (LAN) is a type of communication facility that provides high speed communications in a moderate-sized geographical area. The CSMA/CD LAN uses the media access method known as CSMA/CD by which two or more Stations share a common bus transmission medium to communicate. This document provides an overall description of the CSMA/CD (Ethernet) LAN, describes the architectural structure of the CSMA/CD LAN in terms of functional, model, consisting of two layers, the Data Link Layer and the Physical Layer.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSMLAN-00-0000.

DEC STD 136-0 Digital Policy on Government-Regulated Materials in Digital Products

DOCUMENT NUMBER: A-DS-EL00136-00-0000 ORDER NUMBER: EL-00136-00
RELEASED REVISION AND DATE: B1, 05-Aug-1987 EXPIRATION DATE: 05-Aug-1988
MANAGEMENT CATEGORY: Regulated Materials (HRM)
RESPONSIBLE PERSON: Robert E. Johnson, Corporate Product Safety and Regulations
ABSTRACT: This document states Digital's design policy regarding the use of materials that are regulated by United States and non-U.S. governments. It provides a list of materials to be limited in certain forms or avoided completely in Digital's products and components. It includes compliance requirements for those materials to be limited.

DEC STD 136-1 Digital Policy on Government-Regulated Materials in Digital's Manufacturing Processes

DOCUMENT NUMBER: A-DS-EL00136-01-0000 ORDER NUMBER: EL-00136-01
RELEASED REVISION AND DATE: B, 01-May-1986 EXPIRATION DATE: 31-Dec-1988
MANAGEMENT CATEGORY: Regulated Materials (HRM)
RESPONSIBLE PERSON: Chris McGill, Corporate Energy and Environmental Affairs
ABSTRACT: This document states Digital's policy regarding the use of materials that are regulated by the United States and other governments. This section identifies the materials that should be limited or avoided in Digital's manufacturing processes.

Recommendations for Development of a Regulated and Hazardous Materials Policy at Digital Equipment Corporation

DOCUMENT NUMBER: A-DG-EL00136-02-0000 ORDER NUMBER: EL-00136-02
RELEASED REVISION AND DATE: A, 19-Jul-1984
MANAGEMENT CATEGORY: Regulated Materials (HRM)
RESPONSIBLE PERSON: Jim Rogers, Corporate Energy and Environmental Affairs
ABSTRACT: The attached report was developed by Charles River Associates Incorporated at the request of Digital Equipment Corporation. It identifies and evaluates the present regulations on hazardous materials in the United States and abroad. It also identifies those hazardous materials currently in use at Digital.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 136-3 Introductory and Review Processes for Digital Chemical Products

DOCUMENT NUMBER: A-DS-EL00136-03-0000 ORDER NUMBER: EL-00136-03
RELEASED REVISION AND DATE: A, 06-May-1987
MANAGEMENT CATEGORY: Regulated Materials (HRM)
RESPONSIBLE PERSON: Dana May, Corporate Product Safety and Regulations
ABSTRACT: This standard provides rules for the introduction of new chemical products and for the review or upgrade, when needed, of existing chemical products for sale by Digital.
DOCUMENT STATUS: Caution: Document change is in progress.

Field Definitions Master

DOCUMENT NUMBER: A-DS-EL00137-00-0000 ORDER NUMBER: EL-00137-00
DATE: 15-Oct-1982
ABSTRACT: This document has been inactivated; there is no replacement.

DEC STD 138-0 Registry of Control Functions for Character Imaging Devices

DOCUMENT NUMBER: A-DS-EL00138-00-0000 ORDER NUMBER: EL-00138-00
RELEASED REVISION AND DATE: B, 06-Feb-1989
MANAGEMENT CATEGORY: Terminal Interface Architecture (STI)
RESPONSIBLE PERSON: Tim Lasko, VIPS Hardcopy Engineering
ABSTRACT: This standard affects both hardware and software. It defines the encoding, interpretation, names, and mnemonics of all control functions used by Digital hardware and software products for information where the natural representation of information occurs in seven-bit or eight-bit ASCII or ASCII-like characters. A control function is a function or command that affects the recording, processing, transmission, or interpretation of data. All control functions are encoded as control characters, escape sequences, control sequences or control strings.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 139-0 Reliability Prediction and Assessment

DOCUMENT NUMBER: A-DS-EL00139-00-0000 ORDER NUMBER: EL-00139-00
RELEASED REVISION AND DATE: B, 24-Jun-1991 EXPIRATION DATE: 24-Jun-1993
MANAGEMENT CATEGORY: Reliability Testing (HTR)
RESPONSIBLE PERSON: Gary Kushner, Reliability Assessment Committee (RAC)
ABSTRACT: This standard defines the policies, procedures, processes and tools recommended for reliability prediction and assessment of Digital products in support of customer satisfaction goals. Note: This revision does not include software.

DEC STD 140-0 Documentation, Data, and Release Requirements for Printed-Wiring Boards, Modules, and Backplanes — Introduction

DOCUMENT NUMBER: A-DS-EL00140-00-0000 ORDER NUMBER: EL-00140-00
RELEASED REVISION AND DATE: J, 27-Sep-1991 EXPIRATION DATE: 27-Sep-1993
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Kathy Bailey, Computer Systems Manufacturing, Circuit and Module Producibility
ABSTRACT: This section of DEC STD 140 provides information about the ownership and revision process for all sections of this standard: the DEC STD 140 Committee Charter, information on waivers and the grandfather clause, and a summary of the content of this standard. This document shall be used with DEC STD 140-1 through DEC STD 140-7.

DEC STD 140 All Sections

DOCUMENT NUMBER: A-MN-EL00140-00-0000 ORDER NUMBER: EL-00140-00
DATE: 01-Jun-1987
ABSTRACT: This manual has been inactivated and replaced by EL-SM140-00, which contains all sections of DEC STD 140.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 140-1 Documentation Requirements for Printed-Wiring Boards (50-Class)

DOCUMENT NUMBER:	A-DS-EL00140-01-0000	ORDER NUMBER:	EL-00140-01
RELEASED REVISION AND DATE:	F, 27-Sep-1991	EXPIRATION DATE:	27-Sep-1993
MANAGEMENT CATEGORY:	Engineering Design/Documentation Methods (HPD)		
RESPONSIBLE PERSON:	Lee Stogner, Computer Systems Manufacturing, Circuit and Module Producibility		
ABSTRACT:	This section of DEC STD 140 defines the minimum documentation structure required for the release of 50-class printed-wiring boards. DEC STD 140-0 Documentation, Data, and Release Requirements for Printed-Wiring Boards, Modules, and Backplanes — Introduction provides an introduction and general requirements for the standard.		

DEC STD 140-2 Documentation Requirements for 54-Class Modules and Backplanes

DOCUMENT NUMBER:	A-DS-EL00140-02-0000	ORDER NUMBER:	EL-00140-02
RELEASED REVISION AND DATE:	E, 27-Sep-1991	EXPIRATION DATE:	27-Sep-1992
MANAGEMENT CATEGORY:	Engineering Design/Documentation Methods (HPD)		
RESPONSIBLE PERSON:	Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)		
ABSTRACT:	This section of DEC STD 140 defines the minimum documentation structure and the contents of the Drawing Directory (DD) and the Unit Assembly (UA) documentation packages required for the release of 54-class modules and backplanes, including option-level modules such as M-series. DEC STD 140-0 Documentation, Data, and Release Requirements for Printed-Wiring Boards, Modules, and Backplanes– Introduction provides an introduction and general requirements for this standard.		

DEC STD 140-3 Documentation Requirements for Backplanes (54- and 70-Class)

DOCUMENT NUMBER:	A-DS-EL00140-03-0000	ORDER NUMBER:	EL-00140-03
RELEASED REVISION AND DATE:	C, 27-Sep-1991	EXPIRATION DATE:	27-Sep-1992
MANAGEMENT CATEGORY:	Engineering Design/Documentation Methods (HPD)		
RESPONSIBLE PERSON:	Jerry Benjamin, Engineering Services		
ABSTRACT:	This section of DEC STD 140 describes the documentation structure required to define, document, and control engineering backplane design information. DEC STD 140-0 Documentation, Data, and Release Requirements for Printed-Wiring Boards, Modules, and Backplanes — Introduction provides an introduction and the general requirements for this standard.		

DEC STD 140-4 Etch Board and Module Release Verification Requirements and Procedures—Data Requirements

DOCUMENT NUMBER:	A-DS-EL00140-04-0000	ORDER NUMBER:	EL-00140-04
RELEASED REVISION AND DATE:	A, 27-Sep-1991	EXPIRATION DATE:	27-Sep-1993
MANAGEMENT CATEGORY:	Engineering Design/Documentation Methods (HPD)		
RESPONSIBLE PERSON:	Mike Terella, Technical Information Engineering		
ABSTRACT:	This section of DEC STD 140 describes the engineering and manufacturing product data (information) requirements for fabrication of prototypes and for volume manufacturing. Refer to DEC STD 140-0 Documentation, Data, and Release Requirements for Printed-Wiring Boards, Modules, and Backplanes — Introduction for additional information.		

DEC STD 140-5 Prototype Release Requirements for Printed-Wiring Boards, Modules, and Backplanes

DOCUMENT NUMBER:	A-DS-EL00140-05-0000	ORDER NUMBER:	EL-00140-05
RELEASED REVISION AND DATE:	B1, 01-Mar-1990	EXPIRATION DATE:	01-Mar-1991
MANAGEMENT CATEGORY:	Engineering Design/Documentation Methods (HPD)		
RESPONSIBLE PERSON:	Bob Dubois, Computer Systems Manufacturing, Circuit and Module Producibility		
ABSTRACT:	This section of DEC STD 140 describes the prototype process and the interface between Engineering and Manufacturing. Successful evaluation of a product design through building and debugging a prototype is a prerequisite for releasing all modules manufactured by Digital.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 140-6 Production Release Requirements for Printed-Wiring Boards, Modules, and Backplanes

DOCUMENT NUMBER: A-DS-EL00140-06-0000 ORDER NUMBER: EL-00140-06
RELEASED REVISION AND DATE: B1, 13-Mar-1990 EXPIRATION DATE: 13-Mar-1991
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Bob DuBois, Computer System Manufacturing, Circuit and Module Producibility
ABSTRACT: This standard describes the printed-wiring board (50-class), module (54-class), backplane (70-class), and parallel (50/54-class) release processes for printed wiring boards, modules, and backplanes to meet manufacturing production release requirements. Documentation requirements and acceptance criteria are also listed.

DEC STD 140-7 Engineering-Supervised Build (ESB) Release Requirements for Printed-Wiring Boards, Modules, and Backplanes

DOCUMENT NUMBER: A-DS-EL00140-07-0000 ORDER NUMBER: EL-00140-07
RELEASED REVISION AND DATE: B1, 26-Feb-1990 EXPIRATION DATE: 26-Feb-1991
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Bob DuBois, Computer Systems Manufacturing, Circuit and Module Producibility
ABSTRACT: This section describes the sign-off process for engineering-supervised built printed-wiring boards, modules, and backplanes. It defines the interaction between engineering and manufacturing that applies to all Digital design engineering sites.

Index to DEC STD 140 Documentation, Data, and Release Requirements for Printed-Wiring Boards, Modules, and Backplanes

DOCUMENT NUMBER: A-GL-EL00140-IN-0000 ORDER NUMBER: EL-00140-IN
RELEASED REVISION AND DATE: B, 31-Jul-1989 EXPIRATION DATE: 31-Jul-1990
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Kathy Bailey, Computer Systems Manufacturing, Circuit and Module Producibility
ABSTRACT: This section of DEC STD 140 provides a master index for DEC STD 140-0 through DEC STD 140-7.

DEC STD 141-0 Engineering Notebook Policy and Requirements

DOCUMENT NUMBER: A-DS-EL00141-00-0000 ORDER NUMBER: EL-00141-00
RELEASED REVISION AND DATE: C, 15-Jul-1988
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: A. Sidney Johnston, Engineering Law Section
ABSTRACT: This standard defines Digital policy and requirements for issuance, use, control, and retention of Engineering Notebooks for the purposes of capturing and retaining proprietary information.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 142-0 Etch Board and Module Release Verification Requirements and Procedures - Manufacturing Production Release

DOCUMENT NUMBER: A-DS-EL00142-00-0000 ORDER NUMBER: EL-00142-00
DATE: 01-Jun-1987
ABSTRACT: This document has been inactivated, effective 01-Jun-1987. It is replaced by DEC STD 140-6 Production Release Requirements for Printed-Wiring Boards, Modules, and Backplanes.

DEC STD 142-1 Etch Board and Module Release Verification Requirements and Procedures - Prototype Process

DOCUMENT NUMBER: A-DS-EL00142-01-0000 ORDER NUMBER: EL-00142-01
DATE: 01-Jun-1987
ABSTRACT: This document has been inactivated, effective 01-Jun-1987. It is replaced by DEC STD 140-5 Prototype Release Requirements for Printed-Wiring Boards, Modules, and Backplanes.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 142-2 Etch Board and Module Release Requirements and Procedures - Engineering Supervised Build (ESB) Process

DOCUMENT NUMBER: A-DS-EL00142-02-0000 ORDER NUMBER: EL-00142-02
DATE: 01-Jun-1987
ABSTRACT: This document has been inactivated, effective 01-Jun-1987. It is replaced by DEC STD 140-7 Engineering Supervised Build (ESB) Release Requirements for Printed-Wiring Boards, Modules and Backplanes.

DEC STD 142-3 Etch Board and Module Release Verification Requirements and Procedures - Process for the Elimination of ECO Wires and Etch Cuts

DOCUMENT NUMBER: A-DS-EL00142-03-0000 ORDER NUMBER: EL-00142-03
DATE: 11-Feb-1988
ABSTRACT: This document has been inactivated. There is no replacement.

DEC STD 143-0 Standard for Updating Hardware/software Manuals

DOCUMENT NUMBER: A-DS-EL00143-00-0000 ORDER NUMBER: EL-00143-00
DATE: 22-Jul-1986
ABSTRACT: This document has been inactivated; there is no replacement.

DEC STD 144-0 Last Track Disk Drive Recording and Handling of Manufacturing-detected Bad Sectors

DOCUMENT NUMBER: A-DS-EL00144-00-0000 ORDER NUMBER: EL-00144-00
RELEASED REVISION AND DATE: C, 29-May-1986
MANAGEMENT CATEGORY: Storage Systems (SS)
RESPONSIBLE PERSON: Jim Zahrobsky, Storage Sys. Arch. Group
ABSTRACT: This standard is for historical information only. No further products are intended to comply with the document. This standard is both a hardware and a software standard. It specifies the hardware disk format, controller requirements and software handling of manufacturing-site-determined bad sectors of the RK06 and RK07 data cartridges and future disks. Conformance to this standard will result in improving reliability for the combined hardware/software system as experienced by our customers.
DOCUMENT STATUS: This document is archived; no future revision is planned.

DEC STD 145-0 DEC Representation of Data Values in ASCII Character Strings for Information Interchange Standard

DOCUMENT NUMBER: A-DS-EL00145-00-0000 ORDER NUMBER: EL-00145-00
DATE: 29-Aug-1985
ABSTRACT: This standard is inactivated, and is replaced by ANSI X3.42-1975.

DEC STD 146-0 Standard Order of Pages in Manuals

DOCUMENT NUMBER: A-DS-EL00146-00-0000 ORDER NUMBER: EL-00146-00
RELEASED REVISION AND DATE: C, 29-May-1987 EXPIRATION DATE: 29-May-1988
MANAGEMENT CATEGORY: Cross Documentation Vocabulary and Practices (TDV)
RESPONSIBLE PERSON: Susan Fields-Tamker, Educational Services Development and Publishing
ABSTRACT: This standard establishes the order of pages in Digital software and hardware manuals. It contains a list showing the order in which pages shall appear in manuals and describes each page.

User Mode Diagnostic Standard

DOCUMENT NUMBER: A-DS-EL00148-00-0000 ORDER NUMBER: EL-00148-00
DATE: 03-May-1982
ABSTRACT: This document has been inactivated; there is no replacement.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 149-0 Digital Magnetic Tape Labels and File Structure Standard

DOCUMENT NUMBER: A-DS-EL00149-00-0000 ORDER NUMBER: EL-00149-00
DATE: 04-Oct-1984
ABSTRACT: This document has been inactivated; there is no replacement.

DEC STD 151-0 Punched Card Format: Requirements

DOCUMENT NUMBER: A-DS-EL00151-00-0000 ORDER NUMBER: EL-00151-00
RELEASED REVISION AND DATE: D1, 16-Jul-1986
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control
ABSTRACT: This standard defines two formats for encoding data on 80-column tabulating cards to be used with Digital and other industry-compatible computer systems. This is an HISTORICAL document and is not to be used for new product development.
DOCUMENT STATUS: This document is archived; no future revision is planned.

DEC STD 153-0 Error Logging Standard

DOCUMENT NUMBER: A-DS-EL00153-00-0000 ORDER NUMBER: EL-00153-00
RELEASED REVISION AND DATE: A, 26-May-1977 EXPIRATION DATE: 26-May-1987
MANAGEMENT CATEGORY: Languages (SL)
RESPONSIBLE PERSON: Nick Howgate, Customer Services Systems Engineering
ABSTRACT: This document describes the error logging system in terms of the data which should be captured into an error log file, the method of packaging the binary data into error log entries in the error log file, and the format necessary for compatible displays of the error log file.

DEC STD 154-0 Standard for Floppy Disk (RX01) Volume Identification and Data Interchange

DOCUMENT NUMBER: A-DS-EL00154-00-0000 ORDER NUMBER: EL-00154-00
DATE: 30-Dec-1991
ABSTRACT: This standard defined the data recording conventions to allow RX01 disks to be identified across all DEC systems which support the diskette. This standard is no longer applicable to new Digital products and it has been inactivated. There is no replacement.

DEC STD 156-0 Introducing New Purchased Parts and Maintaining Purchased Parts Information: Standard Procedures

DOCUMENT NUMBER: A-DS-EL00156-00-0000 ORDER NUMBER: EL-00156-00
RELEASED REVISION AND DATE: C, 16-Aug-1990 EXPIRATION DATE: 16-Aug-1992
MANAGEMENT CATEGORY: Components (HPX)
RESPONSIBLE PERSON: Joseph Belliveau, Functional Component Engineering
ABSTRACT: This standard defines the process for introducing a purchased part into the Purchase Specification Information System (PSIS) and also describes the process to maintain the accuracy of all purchased part information.

DEC STD 157-0 Omnibus Specification

DOCUMENT NUMBER: A-DS-EL00157-00-0000 ORDER NUMBER: EL-00157-00
DATE: 15-Nov-1991
ABSTRACT: This standard has been inactivated; there is no replacement. This document described in detail the mechanical and electrical characteristics of a bus scheme used to interconnect modules that form the various PDP-8 series of minicomputers.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 158-0 Unibus Specification - Design Specification

DOCUMENT NUMBER:	A-DS-EL00158-00-0000	ORDER NUMBER:	EL-00158-00
RELEASED REVISION AND DATE:	A, 03-Apr-1986	EXPIRATION DATE:	16-Mar-1991
MANAGEMENT CATEGORY:	Bus Architecture (SHA)		
RESPONSIBLE PERSON:	Atlant Schmidt, Systems and Support Eng.		
ABSTRACT:	This standard contains specifications of the UNIBUS, including protocol and electrical specification. This standard is divided in two sections: section 0 describes the present specifications: section 1 contains a history of products and design pitfalls encountered during the development of the Unibus, which was introduced in 1969.		

Unibus Specification - History of the Unibus

DOCUMENT NUMBER:	A-DG-EL00158-01-0000	ORDER NUMBER:	EL-00158-01
RELEASED REVISION AND DATE:	A, 03-Apr-1986		
MANAGEMENT CATEGORY:	Bus Architecture (SHA)		
RESPONSIBLE PERSON:	Atlant Schmidt, Systems Support Engineering		
ABSTRACT:	This section is a short history of the Unibus intended for reference purposes only.		

DEC STD 159-0 Massbus Interface Specification

DOCUMENT NUMBER:	A-DS-EL00159-00-0000	ORDER NUMBER:	EL-00159-00
RELEASED REVISION AND DATE:	C, 12-Jun-1986		
MANAGEMENT CATEGORY:	Bus Architecture (SHA)		
RESPONSIBLE PERSON:	Jim Zahrobsky, Storage Systems Architecture Group		
ABSTRACT:	This document is historic and is not to be used for new product development.		
DOCUMENT STATUS:	This document is archived; no future revision is planned.		

DEC STD 160-0 LSI–11 Bus Specification - Design Specification

DOCUMENT NUMBER:	A-DS-EL00160-00-0000	ORDER NUMBER:	EL-00160-00
RELEASED REVISION AND DATE:	B, 06-Jul-1987	EXPIRATION DATE:	22-Aug-1989
MANAGEMENT CATEGORY:	PDP–11 Hardware Architecture (SHP)		
RESPONSIBLE PERSON:	Robert Cansler, Micro Systems Engineering Support/SASE		
ABSTRACT:	This standard includes the information necessary to interface to the LSI–11 Bus. Section 0 is the specification. It is a general, or universal, specification with no references to Digital products past or present. It covers the 1980 version of the LSI–11 Bus, including 22 bits of address space and block mode transfers.		

LSI–11 Bus Specification - History of the LSI–11 Bus

DOCUMENT NUMBER:	A-DG-EL00160-01-0000	ORDER NUMBER:	EL-00160-01
RELEASED REVISION AND DATE:	B, 06-Jul-1987		
MANAGEMENT CATEGORY:	PDP–11 Hardware Architecture (SHP)		
RESPONSIBLE PERSON:	Ralph Ware, MSD Advanced Development		
ABSTRACT:	This section of DEC STD 160 describes earlier versions of the LSI–11 Bus for historical reference. It is not a design specification.		

DEC STD 160-1 LSI–11 Bus Specification - History of the LSI–11 Bus

DOCUMENT NUMBER:	A-DS-EL00160-01-0000	ORDER NUMBER:	EL-00160-01
DATE:	19-Dec-1986		
ABSTRACT:	This document has been inactivated as part of DEC STD 160.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 161-0 Computer Interconnect Specification

DOCUMENT NUMBER: A-DS-EL00161-00-0000 ORDER NUMBER: EL-00161-00
RELEASED REVISION AND DATE: B, 19-Oct-1990 EXPIRATION DATE: 19-Oct-1991
MANAGEMENT CATEGORY: Digital Network Architecture (SN)
RESPONSIBLE PERSON: Verell Boaen, CI Development Engineering
ABSTRACT: This document describes and specifies the implementation and host system architecture independent functional characteristics of the Computer Interconnect (CI) and its system interfaces.

DEC STD 162-0 Micrographics: Format and Quality Requirements for Microfilm

DOCUMENT NUMBER: A-DS-EL00162-00-0000 ORDER NUMBER: EL-00162-00
RELEASED REVISION AND DATE: C2, 24-Aug-1992 EXPIRATION DATE: 24-Aug-1993
MANAGEMENT CATEGORY: Micrographics (TTM)
RESPONSIBLE PERSON: Gerardo Marini, Corporate Micrographics/Image Information System
ABSTRACT: This standard describes the general format and quality requirements for each type of microfilm produced for Digital Equipment Corporation. The requirements are based on appropriate industry standards, such as American National Standard Institute (ANSI), Association of Information and Image Management (AM) and U.S. Government specifications that have been adopted by the Digital Micrographics Committee.

DEC STD 164-0 Software Use of the Graphic Character Set of ASCII

DOCUMENT NUMBER: A-DS-EL00164-00-0000 ORDER NUMBER: EL-00164-00
RELEASED REVISION AND DATE: A1, 22-Nov-1989 EXPIRATION DATE: 22-Nov-1990
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: No Owner, Corporate Standards
ABSTRACT: This standard defines the subset of the ASCII graphic character set to be used by Digital software products.

DEC STD 165-0 Standard for Documentation Symbology

DOCUMENT NUMBER: A-DS-EL00165-00-0000 ORDER NUMBER: EL-00165-00
RELEASED REVISION AND DATE: A1, 14-Sep-1990
MANAGEMENT CATEGORY: Software Manuals (TDS)
RESPONSIBLE PERSON: Eric Williams, Internal Standards, Information, and Services
ABSTRACT: This standard defines character names, special key names, and notation conventions that are to be used in user documentation. It has been classified as Historical and is not to be used for developing new documents. For definitions of keyboard characters, please refer to DEC STD 107-1 Digital Standard for Terminal Keyboards - Registry of Graphic Character Sets and DEC STD 107-2 Digital Standard for Terminal Keyboards - LK201 Character Sets.
DOCUMENT STATUS: This document is archived; no future revision is planned.

DEC STD 167-0 Volume Identification for Removable Disk Pack Disk Systems

DOCUMENT NUMBER: A-DS-EL00167-00-0000 ORDER NUMBER: EL-00167-00
DATE: 12-Dec-1986
ABSTRACT: This document has been inactivated. The format and location of the volume identification block defined by this standard are no longer used for removable disk pack systems produced by Digital. Refer to the File and Record Management (FARM) internal document for pertinent information. That document is maintained and distributed by Kirby McCoy, ZKO1-1/F22, DTN: 381-1533.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 168-0 PDP–11 Extended Instructions

DOCUMENT NUMBER: A-DS-EL00168-00-0000 ORDER NUMBER: EL-00168-00
RELEASED REVISION AND DATE: A, 18-Jan-1979
MANAGEMENT CATEGORY: PDP–11 Hardware Architecture (SHP)
RESPONSIBLE PERSON: Ralph Ware, MSD Advanced Development
ABSTRACT: Provides architectural definition and control for PDP–11 instructions whose opcodes are in the reserved and extended opcode spaces.
DOCUMENT STATUS: This document is archived; no future revision is planned.

DEC STD 169-0 DEC Standard Coded Graphic Character Sets for Hardware and Software

DOCUMENT NUMBER: A-DS-EL00169-00-0000 ORDER NUMBER: EL-00169-00
RELEASED REVISION AND DATE: C, 11-May-1988 EXPIRATION DATE: 11-May-1989
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: Tim Lasko, VIPS Hardcopy Engineering
ABSTRACT: DEC STD 169 specifies the name and encodings of the coded graphic character sets used in Digital hardware and software products. Parts of this standard list 'standard' sets, 'application-specific' sets, multiple-byte sets, such as naming and identification of the sets, selection of the sets in a data stream, alphabetization, conversions between sets, glyph design, and others.

DEC STD 169-1 DEC Standard Coded Graphic Character Sets for Hardware and Software: Introduction

DOCUMENT NUMBER: A-DS-EL00169-01-0000 ORDER NUMBER: EL-00169-01
RELEASED REVISION AND DATE: A, 11-May-1988 EXPIRATION DATE: 11-May-1989
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: Tim Lasko, VIPS Hardcopy Engineering
ABSTRACT: DEC STD 169-1 describes the purpose and scope of the several sections of DEC STD 169, specifies general rules for conformance of hardware and software products, indicates the revision process for the standard and implementor responsibilities, lists referenced documents, and defines terms used throughout the standard.

DEC STD 170-0 Standards for Documenting Systems Messages

DOCUMENT NUMBER: A-DS-EL00170-00-0000 ORDER NUMBER: EL-00170-00
DATE: 14-Nov-1985
ABSTRACT: This document has been inactivated; there is no replacement.

DEC STD 172-0 Legal Notices Required for Software Manuals and Licensed Software Sources

DOCUMENT NUMBER: A-DS-EL00172-00-0000 ORDER NUMBER: EL-00172-00
DATE: 19-Jan-1984
ABSTRACT: This document has been inactivated; the information has been consolidated into DEC STD 197-0 Legal Requirements and Guidelines for Digital Publications and Software in the areas of applying copyright notices and requirements for listing Digital trademarks.

DEC STD 174-0 Magnetic Tape Error Recovery Procedure for Read and Write Errors

DOCUMENT NUMBER: A-DS-EL00174-00-0000 ORDER NUMBER: EL-00174-00
RELEASED REVISION AND DATE: A1, 26-Sep-1986
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: Walter Manter, Tape Engineering
ABSTRACT: This document has become historical, and is not to be used for new product development.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Table 3 (Cont.): Documents Sorted By Order Number

Guidelines for Designing Translatable Software Products

DOCUMENT NUMBER: A-DS-EL00175-00-0000 ORDER NUMBER: EL-00175-00
DATE: 03-Jul-1986
ABSTRACT: This document has been withdrawn because of unsolvable implementation problems. It was improperly classified as a Digital Standard.

DEC STD 176-0 Printed-Wiring Board Acceptance Criteria

DOCUMENT NUMBER: A-DS-EL00176-00-0000 ORDER NUMBER: EL-00176-00
RELEASED REVISION AND DATE: L, 18-Nov-1991
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerald G. Gagnon, Corporate Printed-Wiring Board Group
ABSTRACT: This standard specifies criteria for rigid printed-wiring boards (PWBs) fabricated by or purchased for Digital Equipment Corporation.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 176-1 Printed-Wiring Board Repair Criteria

DOCUMENT NUMBER: A-DS-EL00176-01-0000 ORDER NUMBER: EL-00176-01
RELEASED REVISION AND DATE: D, 17-Jun-1991
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerald G. Gagnon, Corporate Printed-Wiring Board Group
ABSTRACT: This standard defines allowable repairs and criteria for rigid printed-wiring boards (PWBs) fabricated by or purchased for Digital Equipment Corporation.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 176-2 Printed-Wiring Board Product Safety Criteria

DOCUMENT NUMBER: A-DS-EL00176-02-0000 ORDER NUMBER: EL-00176-02
RELEASED REVISION AND DATE: C, 17-Jun-1991 EXPIRATION DATE: 17-Jun-1992
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerald G. Gagnon, Corporate Printed-Wiring Board
ABSTRACT: This manufacturing standard specifies product safety criteria for rigid printed-wiring boards that have been fabricated or purchased for Digital Equipment Corporation.

DEC STD 176-3 Printed-Wiring Board Acceptance Criteria for SMOBC [Soldermask Over Bare Copper] Product

DOCUMENT NUMBER: A-DS-EL00176-03-0000 ORDER NUMBER: EL-00176-03
RELEASED REVISION AND DATE: C, 17-Jun-1991
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerald G. Gagnon, Corporate Printed-Wiring Board Group
ABSTRACT: This standard specifies end-product criteria for SMOBC rigid printed-wiring boards (PWBs) that have been fabricated or purchased by Digital Equipment Corporation.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 176-4 Surface Mount Printed-Wiring Board Acceptance Criteria

DOCUMENT NUMBER: A-DS-EL00176-04-0000 ORDER NUMBER: EL-00176-04
RELEASED REVISION AND DATE: C, 17-Jun-1991
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerald G. Gagnon, Corporate Printed-Wiring Board Group
ABSTRACT: This standard specifies end product criteria for surface mount rigid printed-wiring boards (PWBs) that have been fabricated by or purchased for Digital Equipment Corporation.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 176-5 Printed-Wiring Board Acceptance Criteria for All Copper Product

DOCUMENT NUMBER: A-DS-EL00176-05-0000 ORDER NUMBER: EL-00176-05
RELEASED REVISION AND DATE: A, 17-Jun-1991
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerald G. Gagnon, Corporate Printed-Wiring Board Group
ABSTRACT: This standard specifies end product criteria for all copper rigid printed-wiring boards (PWBs) that have been fabricated or purchased by Digital Equipment Corporation.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 176-6 Single-Sided/Double-Sided Nonplated Through (SS/DS) Printed-Wiring Board Acceptance Criteria

DOCUMENT NUMBER: A-DS-EL00176-06-0000 ORDER NUMBER: EL-00176-06
RELEASED REVISION AND DATE: A, 17-Jun-1991
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerald G. Gagnon, Corporate Printed-Wiring Board Group
ABSTRACT: This manufacturing standard specifies end-product criteria for rigid printed-wiring boards (PWBs) that have been fabricated by or purchased for Digital Equipment Corporation.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 178-0 Digital Identification Marking Requirements - Introduction

DOCUMENT NUMBER: A-DS-EL00178-00-0000 ORDER NUMBER: EL-00178-00
RELEASED REVISION AND DATE: E2, 15-May-1991 EXPIRATION DATE: 15-May-1993
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Frank Cornine, Corporate Design Group
ABSTRACT: This section of DEC STD 178 introduces Digital's general marking policy, and refers to other sections and documents that provide specific marking requirements for Digital's products. This standard identifies the specific part or product categories that have unique marking requirements, defines their specific requirements, and identifies the organizations responsible for providing technical support.

DEC STD 178-1 Digital Marking Requirements for Piece Parts

DOCUMENT NUMBER: A-DS-EL00178-01-0000 ORDER NUMBER: EL-00178-01
RELEASED REVISION AND DATE: F, 14-May-1992 EXPIRATION DATE: 14-May-1993
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Frank Cornine, Corporate Design Group
ABSTRACT: This standard specifies the marking requirements necessary to identify piece parts designed by Digital Equipment Corporation. These piece parts may be manufactured or purchased by Digital. The requirements must appear in the documentation for the part. This standard also specifies marking requirements for supplier-designed parts where specific markings are required. These requirements must appear in the purchase specification for the parts.

DEC STD 178-2 Digital Marking Requirements for Subassemblies: Field Replaceable Units (FRU) and Non-Field Replaceable Units

DOCUMENT NUMBER: A-DS-EL00178-02-0000 ORDER NUMBER: EL-00178-02
RELEASED REVISION AND DATE: D, 21-Sep-1987 EXPIRATION DATE: 21-Sep-1988
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Frank Cornine, Corporate Design Group
ABSTRACT: This section describes the product documentation requirements for marking Field Replaceable Subassemblies (FRU) and non-FRU subassemblies.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 178-3 Digital Marking Requirements for Completed Products Intended to be Sold

DOCUMENT NUMBER: A-DS-EL00178-03-0000 ORDER NUMBER: EL-00178-03
RELEASED REVISION AND DATE: H, 21-Sep-1987
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Frank Cornine, Corporate Design Group
ABSTRACT: This section describes the requirements for marking Digital's completed hardware products, and defines those markings required during field maintenance and support of that product. The required documentation to support this marking is also described. This section provides requirements that are in addition to those in other sections of DEC STD 178. This section has superseded DEC STD 031-0 and DEC STD 031-1, which were inactivated.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 178-4 Shipping Container Marking Requirements for Finished Goods

DOCUMENT NUMBER: A-DS-EL00178-04-0000 ORDER NUMBER: EL-00178-04
RELEASED REVISION AND DATE: C, 19-Nov-1990 EXPIRATION DATE: 19-Nov-1991
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Linda Harriman, Corporate Design Group
ABSTRACT: This section of DEC STD 178 describes the requirements for Standard and Corporate Graphics preprinted or labeled on Digital's shipping containers for finished goods. It also describes accepted printing and labeling methods for these requirements.

DEC STD 178-5 Marking Symbology

DOCUMENT NUMBER: A-DS-EL00178-05-0000 ORDER NUMBER: EL-00178-05
RELEASED REVISION AND DATE: E, 21-Sep-1987
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Frank Cornine, Corporate Design Group
ABSTRACT: This standard provides the graphic symbols that are approved for use on Digital' s hardware and software products and packaging, and for use in Digital facilities. These symbols identify controls, functions, handling, and safety information, such as warnings, cautions, and hazards.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 178-6 Marking and Labeling Requirements for Diagnostic Tools and Diagnostic Software

DOCUMENT NUMBER: A-DS-EL00178-06-0000 ORDER NUMBER: EL-00178-06
RELEASED REVISION AND DATE: B, 24-Oct-1986 EXPIRATION DATE: 20-Jan-1988
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Louis Carpenito, Digital Services
ABSTRACT: Defines marking and labeling requirements for Digital diagnostics software.

DEC STD 178-7 Translations

DOCUMENT NUMBER: A-DS-EL00178-07-0000 ORDER NUMBER: EL-00178-07
RELEASED REVISION AND DATE: E, 15-Oct-1990
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Frank Cornine, Corporate Design Group
ABSTRACT: This section of DEC STD 178 provides translations for labels and markings required on hardware products that can be shipped to customer destinations outside the United States. Refer to DEC STD 178-3 Digital Marking Requirements for Completed Products Intended to be Sold, and to DEC STD 178-1 Digital Marking Requirements for Piece Parts, to determine the labeling requirements.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 178-8 General Shipping Documentation and Container Labeling Requirements for Finished Goods Intended to be Shipped to Customers

DOCUMENT NUMBER: A-DS-EL00178-08-0000 ORDER NUMBER: EL-00178-08
RELEASED REVISION AND DATE: B, 11-Apr-1991 EXPIRATION DATE: 03-Oct-1992
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Bob Marcucci, Customer Satisfaction
ABSTRACT: This document provides the general content completion requirements and examples for container labels and the associated shipping documentation for finished goods intended to be shipped to customers.

DEC STD 178-9 Shipping Container Marking Requirements for Goods in Process

DOCUMENT NUMBER: A-DS-EL00178-09-0000 ORDER NUMBER: EL-00178-09
RELEASED REVISION AND DATE: B, 19-Aug-1992 EXPIRATION DATE: 19-Aug-1993
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Linda Harriman, Corporate Design Group
ABSTRACT: This section of DEC STD 178 describes the requirements for preprinting and labeling of Digital's shipping containers for goods in process between facilities owned by Digital and between suppliers and Digital.

DEC STD 178-10 Design Requirements for Product Markings

DOCUMENT NUMBER: A-DS-EL00178-10-0000 ORDER NUMBER: EL-00178-10
RELEASED REVISION AND DATE: A, 09-May-1991 EXPIRATION DATE: 09-May-1992
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Kathy Mastrodomenico, Corporate Design Group
ABSTRACT: This standard specifies the marking requirements for all Digital designed and external designed and supplied products (buy outs) worldwide. Requirements for 36-class labels and 74-class product markings are fully described. A layout diagram for 36-class labels shows placement, type faces, and type styles. This section provides requirements that are additional to those specified in other sections of DEC STD 178.

DEC STD 179-0 Requirements for Specifying Raw Materials for Powder-Metal Parts

DOCUMENT NUMBER: A-DS-EL00179-00-0000 ORDER NUMBER: EL-00179-00
RELEASED REVISION AND DATE: C1, 03-Oct-1989 EXPIRATION DATE: 03-Oct-1992
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Dick Ceremsak, Advanced Materials and Process Technology (AMPT)
ABSTRACT: This document is a source of information for specifying raw materials intended for use in making powder-metal parts. Attendant material and/or part quality requirements are also included.

DEC STD 179-1 Powder Metal Bearings and Bushings

DOCUMENT NUMBER: A-DS-EL00179-01-0000 ORDER NUMBER: EL-00179-01
DATE: 05-Dec-1985
ABSTRACT: This document has been inactivated and replaced by DEC STD 179-0.

DEC STD 179-2 Powder Metal Structural Parts

DOCUMENT NUMBER: A-DS-EL00179-02-0000 ORDER NUMBER: EL-00179-02
DATE: 05-Dec-1985
ABSTRACT: This document has been inactivated and replaced by DEC STD 179-0.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 180-0 Standard for Font File Identification

DOCUMENT NUMBER: A-DS-EL00180-00-0000 ORDER NUMBER: EL-00180-00
RELEASED REVISION AND DATE: D, 13-Mar-1987
MANAGEMENT CATEGORY: Terminal Interface Architecture (STI)
RESPONSIBLE PERSON: Tim Lasko, VIPS Hardcopy Engineering
ABSTRACT: This document provides a standard method for identifying font files for purposes of locating, transferring, and accounting of fonts in a distributed environment.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 181-0 Backplane and Wirewrap Module Release Process

DOCUMENT NUMBER: A-DS-EL00181-00-0000 ORDER NUMBER: EL-00181-00
DATE: 06-Oct-1986
ABSTRACT: This document has been inactivated; there is no replacement.

DEC STD 182-0 Engineering Documentation Acceptance Criteria

DOCUMENT NUMBER: A-DS-EL00182-00-0000 ORDER NUMBER: EL-00182-00
RELEASED REVISION AND DATE: C1, 19-Sep-1991 EXPIRATION DATE: 19-Sep-1993
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Gerry Marini, Engineering Information and Image Services
ABSTRACT: This standard establishes the lettering requirements and related drafting practices and procedures necessary to produce engineering drawings and documentation of a quality that is acceptable for microfilm and subsequent reproduction.

DEC STD 183-0 Archiving Microcode in the Engineering Documentation System

DOCUMENT NUMBER: A-DS-EL00183-00-0000 ORDER NUMBER: EL-00183-00
DATE: 22-Jul-1986
ABSTRACT: This document has been inactivated; there is no replacement.

DEC STD 184-0 Programmable Integrated Circuit Documentation: Process and Requirements

DOCUMENT NUMBER: A-DS-EL00184-00-0000 ORDER NUMBER: EL-00184-00
RELEASED REVISION AND DATE: D, 20-Nov-1989 EXPIRATION DATE: 20-Nov-1990
MANAGEMENT CATEGORY: Components (HPX)
RESPONSIBLE PERSON: Peter Stuczynski, LSI Test and Application
ABSTRACT: This document specifies the requirements and process for the generation and release of specific design options for programmable integrated circuits. In addition, it includes all programmable, integrated circuits devices within Digital with the class part number of 23.

DEC STD 185-0 Documentation of Computer Media in the Engineering Documentation System

DOCUMENT NUMBER: A-DS-EL00185-00-0000 ORDER NUMBER: EL-00185-00
RELEASED REVISION AND DATE: E1, 08-Aug-1991
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Gerry Marini, Engineering Information and Image Services
ABSTRACT: This standard describes how to identify and control the revision of computer media used in the design of Digital hardware products. It has been classified as Historical and is not to be used for developing new products.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 185-1 Requirements for Releasing UNIGRAPHICS Data Bases

DOCUMENT NUMBER: A-DS-EL00185-01-0000 ORDER NUMBER: EL-00185-01
RELEASED REVISION AND DATE: A2, 08-Aug-1991
MANAGEMENT CATEGORY: Design Information Transfer (TT)
RESPONSIBLE PERSON: Gerry Marini, Engineering Information and Image Services
ABSTRACT: This standard documents the procedure for releasing and processing UNIGRAPHICS-generated data bases. It has been classified as Historical and is not to be used to develop computer media for new products.
DOCUMENT STATUS: This document is archived; no future revision is planned.

DEC STD 186-0 Signal Integrity

DOCUMENT NUMBER: A-DS-EL00186-00-0000 ORDER NUMBER: EL-00186-00
RELEASED REVISION AND DATE: A, 09-Nov-1978 EXPIRATION DATE: 09-Nov-1979
MANAGEMENT CATEGORY: Signal Integrity (HPI)
RESPONSIBLE PERSON: Don Vonada, Transmission Technology
ABSTRACT: This document is intended as a standard by which DIGITAL systems should be designed, configured, and installed in order to maintain system signal integrity, and thereby preserve functionality and reliability. A philosophy of maintaining separate distributions for logic reference and earth, and connecting the two only when necessary to satisfy safety requirements, is persistent throughout the document.

DEC STD 187-0 Mechanical Fabrication Workmanship Standards

DOCUMENT NUMBER: A-DS-EL00187-00-0000 ORDER NUMBER: EL-00187-00
RELEASED REVISION AND DATE: A1, 30-Mar-1990 EXPIRATION DATE: 30-Mar-1993
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Dave Nevala, Systems Materials Engineering
ABSTRACT: This manufacturing standard specifies end-product criteria for Digital-designed fabricated metal or non-metal parts that have been manufactured by or purchased for Digital Equipment Corporation.

DEC STD 188-0 Archiving Engineering Information: Policy and Procedures

DOCUMENT NUMBER: A-DS-EL00188-00-0000 ORDER NUMBER: EL-00188-00
RELEASED REVISION AND DATE: B2, 01-Mar-1990 EXPIRATION DATE: 01-Mar-1991
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Jay Maloney, Digital Records Information Management (DRIM)
ABSTRACT: This standard describes what information should be submitted for archiving, who should submit information, and how to make requests for information from the archive. Archive categories and labeling requirements for all types of media are included.

DEC STD 193-0 Backplane Documentation Structure - Basic Requirements

DOCUMENT NUMBER: A-DS-EL00193-00-0000 ORDER NUMBER: EL-00193-00
DATE: 01-Jun-1987
ABSTRACT: This standard has been inactivated; it is replaced by DEC STD 140-3 Documentation Requirements for Backplanes (50/54- and 70-Class).

DEC STD 197-0 Legal Requirements and Guidelines for Digital Publications and Software

DOCUMENT NUMBER: A-DS-EL00197-00-0000 ORDER NUMBER: EL-00197-00
RELEASED REVISION AND DATE: E, 19-Jan-1984
MANAGEMENT CATEGORY: Cross Documentation Vocabulary and Practices (TDV)
RESPONSIBLE PERSON: Lindsey Kiang, Law Department
ABSTRACT: This standard outlines a] notices related to copyright, government data rights and software licensing and b] disclaimers which must be used, or in some cases are recommended for use, on Digital software and publications to protect Digital's intellectual property and to reduce publication related risks.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 198-0 Technical Export

DOCUMENT NUMBER:	A-DS-EL00198-00-0000	ORDER NUMBER:	EL-00198-00
RELEASED REVISION AND DATE:	B, 21-Jul-1983		
MANAGEMENT CATEGORY:	Product Export Requirements (TPE)		
RESPONSIBLE PERSON:	Bob Rarog, Corporate Export		
ABSTRACT:	This standard describes the export responsibilities for product development groups. Early consideration of export requirements is essential to ensure that the product will be ready for export at the time of product announcement.		
DOCUMENT STATUS:	Caution: Document change is in progress.		

DEC STD 200-0 Digital Network Architecture Process Specification

DOCUMENT NUMBER:	A-DS-EL00200-00-0000	ORDER NUMBER:	EL-00200-00
RELEASED REVISION AND DATE:	A, 09-May-1986	EXPIRATION DATE:	01-Jun-1988
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	This document delineates the procedure by which the DNA Digital standards are developed, changed, approved, and interpreted. This process covers both the creation of new DNA Digital standards as well as the modification of those already in existence.		

DEC STD 200-1 Digital Network Architecture - Maintenance Operations Functional Specification

DOCUMENT NUMBER:	A-DS-EL00200-01-0000	ORDER NUMBER:	EL-00200-01
RELEASED REVISION AND DATE:	B, 10-Jan-1990	EXPIRATION DATE:	10-Jan-1991
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	This document describes the structure, functions, interfaces, and protocols needed for the low level maintenance of a DECnet network. This standard is the Digital Network Architecture Maintenance Operations Functional Specification, Version T4.0.0, 28 January 1988.		

DEC STD 200-2 Digital Network Architecture - Network Management Functional Specification

DOCUMENT NUMBER:	A-DS-EL00200-02-0000	ORDER NUMBER:	EL-00200-02
RELEASED REVISION AND DATE:	A, 09-May-1986	EXPIRATION DATE:	01-Jun-1988
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	This document describes the functions, structures, protocols, algorithms, and operation of the Digital Network Architecture Network Management modules. It is a model for DECnet implementations of Network Management software. Network Management provides control and observation of DECnet functions to users and programs.		

DEC STD 200-3 Digital Network Architecture - NI Node Product Architecture Specification

DOCUMENT NUMBER:	A-DS-EL00200-03-0000	ORDER NUMBER:	EL-00200-03
RELEASED REVISION AND DATE:	B, 10-Jan-1990	EXPIRATION DATE:	10-Jan-1991
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	This document discusses the model of a node on the network, with respect to the management and maintenance functions. It specifies the minimum required set of functions for the node to be usable and maintainable. This standard is the NI Node Product Architecture Specification, Version V2.0.1, 11 November 1988.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 200-4 NSP Functional Specification

DOCUMENT NUMBER:	A-DS-EL00200-04-0000	ORDER NUMBER:	EL-00200-04
RELEASED REVISION AND DATE:	A, 09-May-1986	EXPIRATION DATE:	01-Jun-1988
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	This document describes the NSP architecture, which models that part of the DECnet software that supports the creation and destruction of logical links, error control, and flow control. NSP is the protocol of the End Communications Layer. The End Communications Layer is part of the Digital Network Architecture.		

DEC STD 200-5 Digital Network Architecture - Routing Layer Functional Specification

DOCUMENT NUMBER:	A-DS-EL00200-05-0000	ORDER NUMBER:	EL-00200-05
RELEASED REVISION AND DATE:	A, 09-May-1986	EXPIRATION DATE:	01-Jun-1988
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	This document specifies the functions, interfaces, and protocols for implementing that part of the Digital Network Architecture that models the software controlling the routing of messages within DECnet communications networks.		

DEC STD 200-7 Digital Network Architecture - Session Control Functional Specification

DOCUMENT NUMBER:	A-DS-EL00200-07-0000	ORDER NUMBER:	EL-00200-07
RELEASED REVISION AND DATE:	A, 09-May-1986	EXPIRATION DATE:	01-Jun-1988
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	This document describes the functions, interfaces, operation, and protocols of Session Control. Session Control models the DECnet implementation software that provides the system-dependent functions related to logical link operations.		

DEC STD 200-10 Digital Data Communications Message Protocol (DDCMP)

DOCUMENT NUMBER:	A-DS-EL00200-10-0000	ORDER NUMBER:	EL-00200-10
RELEASED REVISION AND DATE:	A, 09-May-1986	EXPIRATION DATE:	01-Jun-1988
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	The Digital Data Communications Message Protocol (DDCMP) is a data link control procedure that ensures a reliable data communication path between communication devices connected by data links. DDCMP has been designed to operate over full and half-duplex synchronous and asynchronous channels in both point-to-point and multipoint modes. It can be used in a variety of applications such as distributed computer networking, host/front-end processing, remote terminal concentration, and remote job entry-exit system operation.		

DEC STD 200-11 Digital Network Architecture - CSMA/CD Data Link Functional Specification

DOCUMENT NUMBER:	A-DS-EL00200-11-0000	ORDER NUMBER:	EL-00200-11
RELEASED REVISION AND DATE:	B, 10-Jan-1990	EXPIRATION DATE:	10-Jan-1991
MANAGEMENT CATEGORY:	Digital Network Architecture (SN)		
RESPONSIBLE PERSON:	Tony Lauck, DECnet Review Group		
ABSTRACT:	This document describes the structure, functions, interfaces, and protocols of the DNA Ethernet Data Link not defined in the Digital CSMA/CD (Ethernet) LAN Specification. This standard is the Digital Network Architecture CSMA/CD Data Link Functional Specification, Version t2.0.3, 10-Jan-1990.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 203-0 General Requirements for Technical Evaluation Laboratories

DOCUMENT NUMBER:	A-DS-EL00203-00-0000	ORDER NUMBER:	EL-00203-00
RELEASED REVISION AND DATE:	A, 03-Mar-1992	EXPIRATION DATE:	03-Mar-1993
MANAGEMENT CATEGORY:	Test Laboratories (HTL)		
RESPONSIBLE PERSON:	Eric Williams, Engineering Operations		
ABSTRACT:	This standard describes general requirements for the operation of technical evaluation laboratories within Digital. It contains the minimum requirements for all laboratories to ensure compliance with accepted practices within the industry based on the requirements of ISO/IEC Guide 25 and EN45001 [European norm].		

DEC STD 204-0 Software Correction and Distribution

DOCUMENT NUMBER:	A-DS-EL00204-00-0000	ORDER NUMBER:	EL-00204-00
RELEASED REVISION AND DATE:	A, 17-Sep-1992		
MANAGEMENT CATEGORY:	Engineering Change Orders (ECOs) (TTE)		
RESPONSIBLE PERSON:	Ed King, Software Quality Assurance		
ABSTRACT:	This standard describes when and how software engineering change orders (ECO) and mandatory updates (MUP) should be issued and it identifies internal distribution methods for the resultant patches.		

DEC STD 205-0 Product Fault Management Specification: General

DOCUMENT NUMBER:	A-DS-EL00205-00-0000	ORDER NUMBER:	EL-00205-00
RELEASED REVISION AND DATE:	A, 10-Jul-1992	EXPIRATION DATE:	19-Feb-1993
MANAGEMENT CATEGORY:	Digital Services Requirements (FR)		
RESPONSIBLE PERSON:	Mike Robey, Digital Services Engineering		
ABSTRACT:	This document and its related sections define the information required to develop a Product Fault Management Specification. Section -00 provides an overview of the total standard and defines responsibilities. Section -01 defines the format and content. Section -02 provides life cycle development guidelines.		

DEC STD 205-1 Product Fault Management Specification: Hardware Design Requirements

DOCUMENT NUMBER:	A-DS-EL00205-01-0000	ORDER NUMBER:	EL-00205-01
RELEASED REVISION AND DATE:	A, 10-Jul-1992	EXPIRATION DATE:	19-Feb-1993
MANAGEMENT CATEGORY:	Digital Services Requirements (FR)		
RESPONSIBLE PERSON:	Mike Robey, Digital Services Engineering		
ABSTRACT:	This section defines the format and content of the Product Fault Management Specification that will be implemented for each new hardware product by its product team.		

DEC STD 205-2 Product Fault Management Specification: Hardware Life Cycle Guidelines

DOCUMENT NUMBER:	A-DS-EL00205-02-0000	ORDER NUMBER:	EL-00205-02
RELEASED REVISION AND DATE:	A, 10-Jul-1992	EXPIRATION DATE:	19-Feb-1993
MANAGEMENT CATEGORY:	Digital Services Requirements (FR)		
RESPONSIBLE PERSON:	Mike Robey, Digital Services Engineering		
ABSTRACT:	This section provides detailed life cycle guidelines for developing a hardware product fault management specification.		

DEC STD 264-0 Field Return of Defective Material: Inspection Criteria and Visual Inspection Procedure

DOCUMENT NUMBER:	A-DS-EL00264-00-0000	ORDER NUMBER:	EL-00264-00
RELEASED REVISION AND DATE:	A, 05-Nov-1981	EXPIRATION DATE:	30-Jun-1988
MANAGEMENT CATEGORY:	Digital Services Logistics/Manufacturing (FL)		
RESPONSIBLE PERSON:	John Pellegrino, Field Service Module Return and Repair		
ABSTRACT:	This level 2 standard establishes the inspection criteria, methods, and procedures to be used by the Digital Field Return/Repair Distribution Stockrooms. It helps other organizations determine what products should or should not be returned for repair.		

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 265-0 Module Rework and Repair Standard Procedures

DOCUMENT NUMBER: A-DS-EL00265-00-0000 ORDER NUMBER: EL-00265-00
RELEASED REVISION AND DATE: E, 23-Jul-1990 EXPIRATION DATE: 23-Jul-1991
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Pete Lison, Manufacturing Process Engineering - Technical Resource Group (MPE/TRG)
ABSTRACT: This Digital Manufacturing process standard establishes the standard module rework and repair methods and procedures to be used by Manufacturing and the Customer Services Module Repair Centers.

Digital Product Safety Handbook

DOCUMENT NUMBER: A-MN-EL00424-00-0000 ORDER NUMBER: EL-00424-00
RELEASED REVISION AND DATE: D, 10-Aug-1987
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This manual includes or references all documentation essential to the Digital product Safety Program.
DOCUMENT STATUS: Caution: Document change is in progress.

Trademark Handbook for Digital Employees: Guidelines for Using Trademarks

DOCUMENT NUMBER: A-MN-EL00490-00-0000 ORDER NUMBER: EL-00490-00
RELEASED REVISION AND DATE: C, 14-Oct-1988
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Jan LaRue, Law Department
ABSTRACT: This manual provides guidelines for using trademarks in advertising and publications, on products and packaging, and for new products and services. Guidelines are also provided for maintaining trademarks, and for presenting the Digital logo. Section one lists Digital trademarks. Section two lists third-party trademarks.

User's Guide to Digital Standards and Related Documents on CDROM

DOCUMENT NUMBER: A-SP-ELCDROM-00-0000 ORDER NUMBER: EL-CDROM-00
RELEASED REVISION AND DATE: H, 10-Jan-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This document describes the purpose and contents of the Standards and Methods Control (SMC) Compact Disc Read Only Memory (CDROM). It also describes requirements necessary for the SMC CDROM to work in your system environment. The information in this document should help potential users determine if the SMC CDROM is an appropriate medium for their intended purpose.

Digital Standards and Related Documents on CDROM

DOCUMENT NUMBER: A-SP-ELCDROM-01-0000 ORDER NUMBER: EL-CDROM-01
RELEASED REVISION AND DATE: J, 17-Apr-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control (SMC)
ABSTRACT: This CDROM provides users with a comprehensive index to all documents controlled by Standards and Methods Control. Also included on the CDROM are selected EL-class documents in PostScript and/or ASCII formats. This CDROM requires VAX/VMS 4.7 or higher and any Digital character cell terminal to operate.

Table 3 (Cont.): Documents Sorted By Order Number

Procedure for Answering Question 'C' on PNRF

DOCUMENT NUMBER: A-SP-ELCE059-0P-PNRF ORDER NUMBER: EL-CE059-0P-PNRF
RELEASED REVISION AND DATE: A, 29-Aug-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: Identifies many types of power connections used worldwide and describes some of the compatible cables that are documented for Digital.

Test Methods Complete Set

DOCUMENT NUMBER: A-SP-ELCE059-TM-0000 ORDER NUMBER: EL-CE059-TM
RELEASED REVISION AND DATE: A, 14-Mar-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: Describes the construction and characteristics of capacitors as a guide for selection and applications. Used with the Training Course on capacitors offered by Component Engineering.

Test Method: Visual Compliance

DOCUMENT NUMBER: A-SP-ELCE059-TM-002A ORDER NUMBER: EL-CE059-TM-002A
RELEASED REVISION AND DATE: A, 14-Mar-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the visual requirements of a component.

Test Method: Mechanical Dimension

DOCUMENT NUMBER: A-SP-ELCE059-TM-002B ORDER NUMBER: EL-CE059-TM-002B
RELEASED REVISION AND DATE: A, 26-Mar-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the mechanical dimensions of a component.

Test Method: Marking Permanence

DOCUMENT NUMBER: A-SP-ELCE059-TM-002C ORDER NUMBER: EL-CE059-TM-002C
RELEASED REVISION AND DATE: C, 14-Jun-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the permanence of the marking applied to a component.

Test Method: Solder Heat

DOCUMENT NUMBER: A-SP-ELCE059-TM-002D ORDER NUMBER: EL-CE059-TM-002D
RELEASED REVISION AND DATE: B, 22-Jan-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify that a component can withstand the wave solder process without damage.

Test Method: Solderability

DOCUMENT NUMBER: A-SP-ELCE059-TM-002E ORDER NUMBER: EL-CE059-TM-002E
RELEASED REVISION AND DATE: D, 03-Feb-1984
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the ability of a component's soldering surface to be wetted or coated by solder.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Lead Pull

DOCUMENT NUMBER:	A-SP-ELCE059-TM-002F	ORDER NUMBER:	EL-CE059-TM-002F
RELEASED REVISION AND DATE:	A, 26-Mar-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify that the electrical leads of a component can withstand the effects of a specified straight pulling force.		

Test Method: Lead Bend

DOCUMENT NUMBER:	A-SP-ELCE059-TM-002G	ORDER NUMBER:	EL-CE059-TM-002G
RELEASED REVISION AND DATE:	A, 25-Jul-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the ability of a component lead to withstand a number of bending stresses.		

Test Method: Package Integrity Thermal Liquid

DOCUMENT NUMBER:	A-SP-ELCE059-TM-002I	ORDER NUMBER:	EL-CE059-TM-002I
RELEASED REVISION AND DATE:	A, 13-Aug-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the package integrity of a component when the component is exposed to thermal liquid shock.		

Test Method: Pressure Cooker Test

DOCUMENT NUMBER:	A-SP-ELCE059-TM-002J	ORDER NUMBER:	EL-CE059-TM-002J
RELEASED REVISION AND DATE:	A, 25-Aug-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify, in an accelerated manner, the moisture resistance capability of an encapsulated electrical component.		

Test Method: Gross Leak

DOCUMENT NUMBER:	A-SP-ELCE059-TM-002L	ORDER NUMBER:	EL-CE059-TM-002L
RELEASED REVISION AND DATE:	A, 25-Aug-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to identify severe package leaks.		

Test Method: Temperature Test

DOCUMENT NUMBER:	A-SP-ELCE059-TM-002M	ORDER NUMBER:	EL-CE059-TM-002M
RELEASED REVISION AND DATE:	A, 28-Apr-1981		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify that aging of a thermistor, simulated by subjecting it to a high temperature for several days, has little effect on its Resistance. Test Method 4HN, Thermistor Resistance, is needed to perform this verification.		

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Flammable Plastics

DOCUMENT NUMBER: A-SP-ELCE059-TM-002N ORDER NUMBER: EL-CE059-TM-002N
RELEASED REVISION AND DATE: B, 15-Apr-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method describes the procedures to be followed in order to verify that plastic parts meet flammability performance and traceability requirements.
DOCUMENT STATUS: Caution: Document change is in progress.

Test Method: Sleeve Shrinking Ability

DOCUMENT NUMBER: A-SP-ELCE059-TM-002P ORDER NUMBER: EL-CE059-TM-002P
RELEASED REVISION AND DATE: A, 15-Sep-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the shrinking stability of an electrical insulating sleeve that has been applied to the metallic surface of a component.

Test Method: Coating Run-Out Etch Leads

DOCUMENT NUMBER: A-SP-ELCE059-TM-002R ORDER NUMBER: EL-CE059-TM-002R
RELEASED REVISION AND DATE: A, 14-Apr-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the coating runout requirement on the leads of radial-lead components.

Test Method: Marking Permanence, Thermal

DOCUMENT NUMBER: A-SP-ELCE059-TM-002T ORDER NUMBER: EL-CE059-TM-002T
RELEASED REVISION AND DATE: A, 24-Jul-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the permanence of the marking on a component when the component is exposed to thermal shock.

Test Method: Package Integrity Detergent

DOCUMENT NUMBER: A-SP-ELCE059-TM-002U ORDER NUMBER: EL-CE059-TM-002U
RELEASED REVISION AND DATE: C, 14-Jun-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the package integrity of a component that has been immersed in a detergent-water solution.

Test Method: Package Integrity Thermal Air

DOCUMENT NUMBER: A-SP-ELCE059-TM-002V ORDER NUMBER: EL-CE059-TM-002V
RELEASED REVISION AND DATE: A, 29-Aug-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the package integrity and electrical parameters of a component when exposed to hot and cold thermal-air shock.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Constant Acceleration

DOCUMENT NUMBER: A-SP-ELCE059-TM-002W ORDER NUMBER: EL-CE059-TM-002W
RELEASED REVISION AND DATE: A, 25-Aug-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the ability of a component package to resist the stress effects of a constant acceleration force. It is an accelerated test designed to indicate the types of structural and mechanical weaknesses not detected in shock and vibration tests.

Test Method: DC Testing

DOCUMENT NUMBER: A-SP-ELCE059-TM-004A ORDER NUMBER: EL-CE059-TM-004A
RELEASED REVISION AND DATE: A, 21-Jun-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: this test method is used to verify, at a specific temperature, the DC parametrics and functional test requirements of a quality (lot) of integrated circuit components.

Test Method: AC Testing

DOCUMENT NUMBER: A-SP-ELCE059-TM-004B ORDER NUMBER: EL-CE059-TM-004B
RELEASED REVISION AND DATE: A, 21-Jun-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify, at a specific temperature, the AC parametric test requirements of a quantity (lot) of integrated circuit components.

Test Method: AC/DC Testing

DOCUMENT NUMBER: A-SP-ELCE059-TM-004C ORDER NUMBER: EL-CE059-TM-004C
RELEASED REVISION AND DATE: A, 21-Jun-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify, at a specified temperature, the AC/DC parametric and functional test requirements of a quality (lot) of integrated circuit components.

Test Method: Auto Testing

DOCUMENT NUMBER: A-SP-ELCE059-TM-004G ORDER NUMBER: EL-CE059-TM-004G
RELEASED REVISION AND DATE: A, 18-Jun-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify certain specific electrical parameters of a component using an automatic test instrument.

Test Method: Capacitance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04LA ORDER NUMBER: EL-CE059-TM-04LA
RELEASED REVISION AND DATE: A, 10-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the capacitance value of a capacitor and is prerequisite for Test Method 4LB, Dissipation Factor, and 4LC, Equivalent Series Resistance.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Dissipation Factor

DOCUMENT NUMBER: A-SP-ELCE059-TM-04LB ORDER NUMBER: EL-CE059-TM-04LB
RELEASED REVISION AND DATE: A, 12-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the dissipation factor of a capacitor. Test Method 4LA is needed to perform this verification.

Test Method: Equivalent Series Resistance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04LC ORDER NUMBER: EL-CE059-TM-04LC
RELEASED REVISION AND DATE: A, 12-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the equivalent series resistance of a capacitor. In many cases, Test Methods 4LA and 4LB are needed to perform this verification.

Test Method: Leakage Current

DOCUMENT NUMBER: A-SP-ELCE059-TM-04LE ORDER NUMBER: EL-CE059-TM-04LE
RELEASED REVISION AND DATE: B, 25-Jun-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the maximum leakage current value of a capacitor.

Test Method: Insulation Resistance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04LH ORDER NUMBER: EL-CE059-TM-04LH
RELEASED REVISION AND DATE: A, 19-Dec-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the insulation resistance of a capacitor.

Test Method: Junction Capacitance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04MG ORDER NUMBER: EL-CE059-TM-04MG
RELEASED REVISION AND DATE: A, 17-Apr-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the junction capacitance of a semiconductor diode.

Test Method: Stored Charge

DOCUMENT NUMBER: A-SP-ELCE059-TM-04MH ORDER NUMBER: EL-CE059-TM-04MH
RELEASED REVISION AND DATE: A, 17-Apr-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the switching speed of a semiconductor diode by measuring its stored charge.

Test Method: Resistance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04NA ORDER NUMBER: EL-CE059-TM-04NA
RELEASED REVISION AND DATE: A, 28-Apr-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the resistance of carbon, metal film, wirewound and fusible resistors.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Resistance Vs. Temperature

DOCUMENT NUMBER: A-SP-ELCE059-TM-04NB ORDER NUMBER: EL-CE059-TM-04NB
RELEASED REVISION AND DATE: A, 16-Apr-1982
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the resistance value of a thermistor at two specific values of temperature.

Test Method: Thermistor Inductance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04ND ORDER NUMBER: EL-CE059-TM-04ND
RELEASED REVISION AND DATE: A, 14-Jul-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify that the series inductance value of a resistor does not exceed the maximum specific limit.

Test Method: Thermistor Resistance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04NH ORDER NUMBER: EL-CE059-TM-04NH
RELEASED REVISION AND DATE: A, 28-Apr-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the resistance of a thermistor.

Test Method: Stored Charge

DOCUMENT NUMBER: A-SP-ELCE059-TM-04PV ORDER NUMBER: EL-CE059-TM-04PV
RELEASED REVISION AND DATE: A, 04-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This method is used to verify the switching speed of a semiconductor component by measuring its stored charge.

Test Method: Output Capacitance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04PW ORDER NUMBER: EL-CE059-TM-04PW
RELEASED REVISION AND DATE: A, 04-May-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the common-base, open-circuit output capacitance of a transistor.

Test Method: Input Capacitance

DOCUMENT NUMBER: A-SP-ELCE059-TM-04PX ORDER NUMBER: EL-CE059-TM-04PX
RELEASED REVISION AND DATE: A, 04-May-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the common-base, open-circuit input capacitance of a transistor.

Test Method: AC Dielectric Withstanding Voltage

DOCUMENT NUMBER: A-SP-ELCE059-TM-04TB ORDER NUMBER: EL-CE059-TM-04TB
RELEASED REVISION AND DATE: A, 18-Apr-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the dielectric strength of a transformer or choke when subjected to a high AC voltage.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Turns Ratio

DOCUMENT NUMBER:	A-SP-ELCE059-TM-04TD	ORDER NUMBER:	EL-CE059-TM-04TD
RELEASED REVISION AND DATE:	A, 26-Feb-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the turn ratio of a high frequency transformer.		

Test Method: Excitation Current

DOCUMENT NUMBER:	A-SP-ELCE059-TM-04TE	ORDER NUMBER:	EL-CE059-TM-04TE
RELEASED REVISION AND DATE:	A, 04-Mar-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the excitation current of a low-frequency transformer.		

Test Method: Polarity

DOCUMENT NUMBER:	A-SP-ELCE059-TM-04TG	ORDER NUMBER:	EL-CE059-TM-04TG
RELEASED REVISION AND DATE:	A, 18-Apr-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the polarity of high or low frequency transformer windings.		

Test Method: DC Resistance

DOCUMENT NUMBER:	A-SP-ELCE059-TM-04TJ	ORDER NUMBER:	EL-CE059-TM-04TJ
RELEASED REVISION AND DATE:	A, 18-Apr-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the DC resistance of a winding.		

Test Method: Inductance

DOCUMENT NUMBER:	A-SP-ELCE059-TM-04TK	ORDER NUMBER:	EL-CE059-TM-04TK
RELEASED REVISION AND DATE:	A, 18-Mar-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the zero bias inductance of a winding.		

Test Method: Leakage Inductance

DOCUMENT NUMBER:	A-SP-ELCE059-TM-04TS	ORDER NUMBER:	EL-CE059-TM-04TS
RELEASED REVISION AND DATE:	A, 04-Mar-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the total primary leakage inductance of a transformer.		

Test Method: Winding Continuity

DOCUMENT NUMBER:	A-SP-ELCE059-TM-04TT	ORDER NUMBER:	EL-CE059-TM-04TT
RELEASED REVISION AND DATE:	B, 30-Jan-1981		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the electrical continuity of a winding.		

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Shielding Effectiveness

DOCUMENT NUMBER: A-SP-ELCE059-TM-04VF ORDER NUMBER: EL-CE059-TM-04VF
RELEASED REVISION AND DATE: A, 27-Sep-1984
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the shielding effectiveness of shielded cable assemblies.

Test Method: Functional Test

DOCUMENT NUMBER: A-SP-ELCE059-TM-04WA ORDER NUMBER: EL-CE059-TM-04WA
RELEASED REVISION AND DATE: A, 03-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify certain critical parameters of an optical encoder by subjecting it to an electrical functional test.

Test Method: Nominal Speed

DOCUMENT NUMBER: A-SP-ELCE059-TM-05AE ORDER NUMBER: EL-CE059-TM-05AE
RELEASED REVISION AND DATE: B, 03-Sep-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the nominal speed of a rotating component.

Test Method: Hall Effect and Speed

DOCUMENT NUMBER: A-SP-ELCE059-TM-05AI ORDER NUMBER: EL-CE059-TM-05AI
RELEASED REVISION AND DATE: A, 06-Nov-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the Hall effect circuit device used in a rotating component. Also, the Hall effect circuit is used to verify that the rotational speed of the device exceeds a preset minimum value.

Test Method: Normal Force

DOCUMENT NUMBER: A-SP-ELCE059-TM-05BB ORDER NUMBER: EL-CE059-TM-05BB
RELEASED REVISION AND DATE: A, 11-Sep-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification control Systems
ABSTRACT: This test method is used to verify the normal requirement of an H800 series connector block.

Test Method: Insertion/Withdrawal Force

DOCUMENT NUMBER: A-SP-ELCE059-TM-05BD ORDER NUMBER: EL-CE059-TM-05BD
RELEASED REVISION AND DATE: A, 24-Aug-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the insertion and withdrawal force requirements of a connector.

Test Method: Durability

DOCUMENT NUMBER: A-SP-ELCE059-TM-05BG ORDER NUMBER: EL-CE059-TM-05BG
RELEASED REVISION AND DATE: A, 18-Jul-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the durability requirements of a connector.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Contact Retention

DOCUMENT NUMBER: A-SP-ELCE059-TM-05BH ORDER NUMBER: EL-CE059-TM-05BH
RELEASED REVISION AND DATE: A, 11-Sep-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the contact retention requirements of a wire-wrap type connector.

Test Method: Functional Operation

DOCUMENT NUMBER: A-SP-ELCE059-TM-05CA ORDER NUMBER: EL-CE059-TM-05CA
RELEASED REVISION AND DATE: A, 18-Jun-1980
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify functional operation of an electrical switch.

Test Method: Primary Stop

DOCUMENT NUMBER: A-SP-ELCE059-TM-05EA ORDER NUMBER: EL-CE059-TM-05EA
RELEASED REVISION AND DATE: A, 09-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the operation of the primary stop mechanism in a chassis slide assembly. release

Test Method: Secondary Stop

DOCUMENT NUMBER: A-SP-ELCE059-TM-05EB ORDER NUMBER: EL-CE059-TM-05EB
RELEASED REVISION AND DATE: A, 09-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the operation of the secondary stop mechanism in a chassis slide assembly.

Test Method: Tilt

DOCUMENT NUMBER: A-SP-ELCE059-TM-05EC ORDER NUMBER: EL-CE059-TM-05EC
RELEASED REVISION AND DATE: A, 09-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the operation of the tilt mechanism in a chassis slide assembly.

Test Method: Safety Stop

DOCUMENT NUMBER: A-SP-ELCE059-TM-05ED ORDER NUMBER: EL-CE059-TM-05ED
RELEASED REVISION AND DATE: A, 09-Mar-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the operation of the safety stop mechanism in a chassis slide assembly.

Test Method: Voltage

DOCUMENT NUMBER: A-SP-ELCE059-TM-05RB ORDER NUMBER: EL-CE059-TM-05RB
RELEASED REVISION AND DATE: A, 16-Apr-1981
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: John Peachey, Central Specification Control Systems
ABSTRACT: This test method is used to verify the open-circuit voltage of a battery.

Table 3 (Cont.): Documents Sorted By Order Number

Test Method: Impedance

DOCUMENT NUMBER:	A-SP-ELCE059-TM-05RD	ORDER NUMBER:	EL-CE059-TM-05RD
RELEASED REVISION AND DATE:	A, 16-May-1981		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the internal impedance of a battery.		

Test Method: Dielectric Withstanding Voltage

DOCUMENT NUMBER:	A-SP-ELCE059-TM-05RL	ORDER NUMBER:	EL-CE059-TM-05RL
RELEASED REVISION AND DATE:	A, 25-Feb-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify that the electrical insulation of a component will not breakdown when subjected to a high DC voltage.		

Test Method: Contact Resistance

DOCUMENT NUMBER:	A-SP-ELCE059-TM-05TB	ORDER NUMBER:	EL-CE059-TM-05TB
RELEASED REVISION AND DATE:	A, 08-Jun-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	This test method is used to verify the contact resistance of electrical connectors or switches.		

Incoming Inspection Test Requirement File

DOCUMENT NUMBER:	A-SP-ELCE059-TR-0TRF	ORDER NUMBER:	EL-CE059-TR-0TRF
RELEASED REVISION AND DATE:	A, 24-Jun-1980		
MANAGEMENT CATEGORY:	Test Methods (MCT)		
RESPONSIBLE PERSON:	John Peachey, Central Specification Control Systems		
ABSTRACT:	Lists by Class, Functional Code Descriptor or Part Number, the minimum incoming inspection verification criteria for purchased components.		

Component Engineering Orientation Guide

DOCUMENT NUMBER:	A-MN-ELCE402-00-0000	ORDER NUMBER:	EL-CE402-00
RELEASED REVISION AND DATE:	A, 31-Jan-1984		
MANAGEMENT CATEGORY:	Components (HPX)		
RESPONSIBLE PERSON:	Neil Perlin, Manufacturing/Engineering Training		
ABSTRACT:	This manual is an overview of Component Engineering's organization, function, and services. Its purpose is to help Engineering, Manufacturing, Purchasing, and other groups use the services provided by Component Engineering.		

Fire Testing for Corrugated Containers

DOCUMENT NUMBER:	A-SP-ELCE507-00-0000	ORDER NUMBER:	EL-CE507-00
RELEASED REVISION AND DATE:	A, 24-Sep-1987		
MANAGEMENT CATEGORY:	Industrial Packaging (HPP)		
RESPONSIBLE PERSON:	Donald Crowley, Corporate Risk Management		
ABSTRACT:	This specification defines the fire resistance characteristics of specifically processed corrugated paper that is to be used in the manufacture of fire resistant boxes.		

Table 3 (Cont.): Documents Sorted By Order Number

Bar Code Label Print Specification

DOCUMENT NUMBER: A-SP-ELCP047-01-0000 ORDER NUMBER: EL-CP047-01
RELEASED REVISION AND DATE: A, 08-Feb-1988
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Dale Foresythe, Auto ID Program Office
ABSTRACT: This document describes the specifications required to label products and shipping cartons with standard bar code labels that guarantee 99 percent 'Read Rate.'

Design and Certification of Hardware Products to National and International Regulations and Standards - Specific Requirements

DOCUMENT NUMBER: A-GL-ELCP060-01-0000 ORDER NUMBER: EL-CP060-01
RELEASED REVISION AND DATE: F, 30-Jun-1987
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety & Regulations
ABSTRACT: Lists the specific external regulations and standards that apply to Digital's hardware product designs, with cross-references to Digital standards. It also lists requirements that may apply in the future, as well as requirements that have been investigated and found to be not currently applicable to Digital's hardware product designs.

Data Description and Naming Guidelines

DOCUMENT NUMBER: A-DG-ELCP065-00-0000 ORDER NUMBER: EL-CP065-00
RELEASED REVISION AND DATE: A, 21-Jan-1991
MANAGEMENT CATEGORY: Data Management Systems (TS)
RESPONSIBLE PERSON: David Couhig, U.S. Data Management
ABSTRACT: This document provides guidelines for applying standard names to data objects. Included are procedures for identifying the controller of a data object and developing the standard description, business name, and abbreviated name of the data object types association, element, entity, field, and model.

Transportation Policies

DOCUMENT NUMBER: A-MN-ELCP075-00-0000 ORDER NUMBER: EL-CP075-00
RELEASED REVISION AND DATE: C, 15-Dec-1988
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: J.Tomao, U.S. Area Network Operations
ABSTRACT: This document provides all Digital transportation requirements for shipments within the United States. Sections are to be added to address international shipments.

Corporate Phase Review Process Guide

DOCUMENT NUMBER: A-MN-ELCP356-00-0000 ORDER NUMBER: EL-CP356-00
RELEASED REVISION AND DATE: B, 09-Dec-1988
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Walter Soltysik, Engineering Product Planning Group
ABSTRACT: The Corporate Phase Review Process Guide provides guidelines that assist cross-functional product teams in: planning for and controlling products during their life cycle, using a common language to communicate project status, promoting consistency in what is expected during the product life cycle, and promoting responsibilities for meeting requirements of the Corporate Phase Review Process.

Table 3 (Cont.): Documents Sorted By Order Number

International Regulatory Symbols

DOCUMENT NUMBER: A-MN-ELCP414-00-0000 ORDER NUMBER: EL-CP414-00
RELEASED REVISION AND DATE: B, 30-Jan-1987
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Frank Cornine, Corporate Design Group
ABSTRACT: This document indicates which country's test houses and standards organizations have approved a component or product. Included with the test house symbols are additional symbols used by some countries and organizations to indicate quality levels.

Post Partum Process

DOCUMENT NUMBER: A-SP-ELCP486-00-0000 ORDER NUMBER: EL-CP486-00
RELEASED REVISION AND DATE: A, 27-Nov-1985
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Bob Rebello, Process Management
ABSTRACT: Describes the six stages of the Post Partum Process, so that complete and uniform Post Partums are produced after every new product development cycle.

Program Post Partum Report

DOCUMENT NUMBER: A-SP-ELCP486-01-0000 ORDER NUMBER: EL-CP486-01
RELEASED REVISION AND DATE: A, 27-Nov-1985
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Bob Rebello, Process Management
ABSTRACT: This is the Program Post Partum Report form recommended for the purpose of producing uniform Post Partum Reports.
DOCUMENT STATUS: Cannot be ordered separately. See A-SP-ELCP486-00-0000.

Hazardous Materials/Dangerous Goods Policies and Procedures Manual

DOCUMENT NUMBER: A-MN-ELCP534-00-0000 ORDER NUMBER: EL-CP534-00
RELEASED REVISION AND DATE: B, 17-Aug-1989
MANAGEMENT CATEGORY: Regulated Materials (HRM)
RESPONSIBLE PERSON: Jack Currie, Hazardous Materials Group
ABSTRACT: This manual establishes guidelines to ensure the safe and legal transportation of hazardous materials/dangerous goods to and from Digital sites.

Cargo Seals Policy and Procedures

DOCUMENT NUMBER: A-SP-ELCP581-03-0000 ORDER NUMBER: EL-CP581-03
RELEASED REVISION AND DATE: A, 04-Dec-1989
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: John Breen, Quality Compliance, U.S. Area Distribution
ABSTRACT: This document determines the cargo seals policy and procedures to be followed by U.S. Area Distribution employees to achieve security of Digital products in transit.

Digital Program Methodology - Life Cycle Volume - 2 Volume Set

DOCUMENT NUMBER: A-MN-ELCP701-00-0000 ORDER NUMBER: EL-CP701-00
RELEASED REVISION AND DATE: A, 30-Oct-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Russ Tahmoush, Corporate Enterprise Integration Services
ABSTRACT: Volume 1 of the DPM handbook describes the DPM Life Cycle used on implemention programs for customers. It explains the phases, tasks, and subtasks required to complete a customer program from recognition of a business opportunity to support of the solution. Customer programs are established to provide customers with integrated solutions that require focused management, as a result of the risk, size complexity, or diversity of the solution providers. Volume 2 is the DPM Environment and Processes Volume.

Table 3 (Cont.): Documents Sorted By Order Number

Digital Program Methodology - Environment and Processes Volume

DOCUMENT NUMBER: A-MN-ELCP702-00-0000 ORDER NUMBER: EL-CP702-00
RELEASED REVISION AND DATE: A, 30-Oct-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Russ Tahmoush, Corporate Enterprise Integration Services
ABSTRACT: This handbook describes the business procedures, quality assurance activities, and the program management processes associated with customer programs. It also describes the environment within which programs are conducted. Customer programs are established to provide customers with integrated solutions that require focused management, as a result of the risk, size, complexity, or diversity of the solution provides.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELCP701-00-0000.

Guidelines for Publishing Policies and Procedures

DOCUMENT NUMBER: A-DG-ELCP706-00-0000 ORDER NUMBER: EL-CP706-00
RELEASED REVISION AND DATE: A, 28-Feb-1990
MANAGEMENT CATEGORY: Corporate Policies (TCP)
RESPONSIBLE PERSON: Ann Brown, Tom Skinner, Corporate Policy Forum
ABSTRACT: This document provides guidelines for the publication of policy and procedure documents and manuals. It also contains guidelines for presenting information on VAX VTX. It is a compilation of policy and procedure development tools.
DOCUMENT STATUS: Caution: Document change is in progress.

Creating Policies and Procedures Using VAX DOCUMENT—Policies Doctype

DOCUMENT NUMBER: A-DG-ELCP706-01-0000 ORDER NUMBER: EL-CP706-01
RELEASED REVISION AND DATE: A, 01-Mar-1990
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jim Boice, Standards and Methods Control
ABSTRACT: This document describes the VAX DOCUMENT tags specific to the POLICIES doctype for Digital Policies and Procedures.

Guideline on the Maintenance of Indoor Air Quality

DOCUMENT NUMBER: A-DG-ELCP750-00-0000 ORDER NUMBER: EL-CP750-00
RELEASED REVISION AND DATE: A, 21-Jan-1992
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Michael B. Amster, Corporate Environmental Health and Safety
ABSTRACT: This guideline is a compilation of data and information developed to help in the maintenance of indoor air quality in buildings occupied by Digital.

Corporate Waste Management Policy – Principles of Waste Management

DOCUMENT NUMBER: A-DG-ELCP758-00-0000 ORDER NUMBER: EL-CP758-00
RELEASED REVISION AND DATE: A, 29-May-1991
MANAGEMENT CATEGORY: Process and Project Management Processes (TP)
RESPONSIBLE PERSON: Ronald Caudell, Waste Management
ABSTRACT: This document defines the policy under which Digital will responsibly manage its wastes.

Corporate Waste Management Policies – Process

DOCUMENT NUMBER: A-DG-ELCP758-01-0000 ORDER NUMBER: EL-CP758-01
RELEASED REVISION AND DATE: A, 29-May-1991
MANAGEMENT CATEGORY: Process and Project Management Processes (TP)
RESPONSIBLE PERSON: Ronald Caudell, Waste Management
ABSTRACT: This Digital guideline establishes the policy and process for developing, reviewing, approving, and communicating corporate waste management policies.

Table 3 (Cont.): Documents Sorted By Order Number

Corporate Waste Management Policy—Disposition and Reclamation of Inventory and Fixed Assets

DOCUMENT NUMBER: A-DG-ELCP758-02-0000 ORDER NUMBER: EL-CP758-02
RELEASED REVISION AND DATE: A, 29-May-1991
MANAGEMENT CATEGORY: Corporate Policies (TCP)
RESPONSIBLE PERSON: Ronald Caudell, Waste Management
ABSTRACT: This document establishes a uniform policy to manage, control, and account for inventory and fixed assets intended for disposition or reclamation.
DOCUMENT STATUS: Caution: Document change is in progress.

Used Digital Equipment Policy — Corporate Contributions

DOCUMENT NUMBER: A-DG-ELCP760-00-0000 ORDER NUMBER: EL-CP760-00
RELEASED REVISION AND DATE: A, 07-Oct-1991
MANAGEMENT CATEGORY: Corporate Policies (TCP)
RESPONSIBLE PERSON: Jane Hamel, Corporate Waste Management
ABSTRACT: This document establishes a consistent policy for the donation of used Digital equipment.

DIAL VTX System Enhancements - Functional Specification

DOCUMENT NUMBER: A-SP-ELCP763-00-0000 ORDER NUMBER: EL-CP763-00
RELEASED REVISION AND DATE: A, 09-Oct-1991
MANAGEMENT CATEGORY: Product Environmental Requirements (HRE)
RESPONSIBLE PERSON: Valerie Nolen, Environmental Health and Safety
ABSTRACT: This functional specification describes the DIAL (Digital Idle Assets Listing) VTX application enhancements. The DIAL VTX application provides worldwide access to the DIAL infobases, for the purpose of advertising and procuring Digital's idle assets.

Vendor-Assisted Qualification/Vendor Self-Qualification Process and DRAM Qualification Test Procedure

DOCUMENT NUMBER: A-SP-ELCP764-00-0000 ORDER NUMBER: EL-CP764-00
RELEASED REVISION AND DATE: A, 21-May-1992
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Steve Johnson, DRAM Component Engineering
ABSTRACT: This specification describes the process used by Digital Equipment Corporation to perform vendor-assisted qualification (VAQ) and vendor self-qualification (VSQ) work on DRAMS.

Emergency Preparedness and Response Resource Document

DOCUMENT NUMBER: A-DG-ELCP771-00-0000 ORDER NUMBER: EL-CP771-00
RELEASED REVISION AND DATE: A, 21-Nov-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Chris McGill, Corporate Environment Health and Safety
ABSTRACT: This document supports the Corporate policy to maintain adequately staffed emergency response programs for protecting employees, the public and the environment. Topics include accident/incident investigation, crisis communications, crisis management, emergency medical care, emergency-related procedures, product safety, property damage, and releases to the environment.

Digital Technical Requirements Reference Guide

DOCUMENT NUMBER: A-MN-ELCP790-00-0000 ORDER NUMBER: EL-CP790-00
RELEASED REVISION AND DATE: A, 01-Sep-1992
MANAGEMENT CATEGORY: Software Manuals (TDS)
RESPONSIBLE PERSON: Fred Howell, Cross-Engineering Services/Software Quality Assurance (CES/SQA)
ABSTRACT: This document provides information about technical requirements and recommendations for anyone developing Digital layered products. The PostScript and Bookreader files of this document may be copied from JOKUR::TRG:.

Table 3 (Cont.): Documents Sorted By Order Number

Corporate Core Formal Management Directives for Customer Program Management

DOCUMENT NUMBER: A-MN-ELCPFMD-00-0000 ORDER NUMBER: EL-CPFMD-00
RELEASED REVISION AND DATE: B, 14-Nov-1990
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Russ Tahmoush, Corporate Enterprise Integration Services
ABSTRACT: Core Formal Management Directives (FMDs) are the formal means for communicating company strategy and direction for the management of customer programs. This manual is to be used to support the company's goal of increasing market penetration by delivering integrated solutions to our accounts.

Corporate Policies for Product Pricing, Announcement, and First Customer Ship

DOCUMENT NUMBER: A-MN-ELCPPAC-00-0000 ORDER NUMBER: EL-CPPAC-00
RELEASED REVISION AND DATE: D, 02-Sep-1986
MANAGEMENT CATEGORY: Product Announcement and Pricing (TPP)
RESPONSIBLE PERSON: J.Harvey, Pricing and Announcement Committee
ABSTRACT: This document describes the Pricing and Announcement Committee (PAC) requirements for product announcement, pricing, and first customer ship (FCS). These requirements represent the ground rules that PAC will apply to ensure that the product has been properly designed, tested, and manufactured, and that all necessary facilities are prepared to support the product in the field.

Computer System Manufacturing Operational Alert (OPAL) Procedure

DOCUMENT NUMBER: A-DG-ELCS005-00-0000 ORDER NUMBER: EL-CS005-00
RELEASED REVISION AND DATE: A, 01-Feb-1985
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Bill Mulcahey, CSM Regulations
ABSTRACT: This procedure establishes, documents, and provides process for effective handling of Operational Alert (OPAL) messages originating within the Computer Systems Manufacturing Group or coming into the group. The procedure complements DEC STD 005-0 Operational Alert (OPAL) Procedure.

Phase Review Process Management: A Services Perspective

DOCUMENT NUMBER: A-MN-ELCS356-00-0000 ORDER NUMBER: EL-CS356-00
RELEASED REVISION AND DATE: A, 15-May-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Walter Donovan, Customer Services Systems Engineering (CSSE)
ABSTRACT: This is a guide that defines a Service Product Life Cycle Management System. It describes the relationship of the Services System to a Corporate Life Cycle Management System, also defined in this guide.

ER-Class Numbering Code for Supplier-Written Manuals

DOCUMENT NUMBER: A-DG-ELEN012-12-0000 ORDER NUMBER: EL-EN012-12
RELEASED REVISION AND DATE: A, 10-Mar-1992
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: Manon Lawson, Vendor Equipment Services (VES)
ABSTRACT: This standard establishes the method of assigning ER class-code part numbers to supplier-written documentation.

Table 3 (Cont.): Documents Sorted By Order Number

Environmental SPRT Generator Specification

DOCUMENT NUMBER: A-SP-ELEN036-00-0000 ORDER NUMBER: EL-EN036-00
RELEASED REVISION AND DATE: C2, 15-Jun-1989
MANAGEMENT CATEGORY: Reliability Testing (HTR)
RESPONSIBLE PERSON: Dick Leonhardt, Storage and Information Management Group - Quality
ABSTRACT: This specification outlines the procedure for developing a sequential probability ratio test (SPRT) based on the exponential distribution. It summarizes the basic theory behind the exponential SPRT, explains the execution of the test, explains how to interpret the results, and provides the user documentation for the test generator SPRT.

Storage Systems Reliability Test Programs Policy/Procedure

DOCUMENT NUMBER: A-SP-ELEN036-02-0000 ORDER NUMBER: EL-EN036-02
RELEASED REVISION AND DATE: A, 15-Apr-1983
MANAGEMENT CATEGORY: Reliability Testing (MQR)
RESPONSIBLE PERSON: Dick Leonhardt, Reliability Testing (HTR)
ABSTRACT: Describes the various test programs that will be implemented during the design, finalization and manufacturing of Storage Systems products. These test programs are established to assure our overall product excellence goal.

Hazard (Infancy) Analysis Specification

DOCUMENT NUMBER: A-SP-ELEN036-04-0000 ORDER NUMBER: EL-EN036-04
RELEASED REVISION AND DATE: C3, 15-Jun-1989
MANAGEMENT CATEGORY: Reliability Testing (HTR)
RESPONSIBLE PERSON: Dick Leonhardt, Storage and Information Management Group Quality
ABSTRACT: This document outlines hazard test theory, explains decision rules for each test, and interprets the statistical decisions by detailing the procedure for analyzing a product's relationship between hazard rate and operating time. Product infancy and steady-state failure rates are estimated after the user answers a series of questions using the HAZFIT software.

VAXBI Module Layout Guide

DOCUMENT NUMBER: A-MN-ELEN057-00-0000 ORDER NUMBER: EL-EN057-00
RELEASED REVISION AND DATE: A, 19-Mar-1986
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Dave Fenwick, Advanced VAX Development
ABSTRACT: This manual describes the VAXBI standard and expansion modules and presents design implications that arise from this new form of printed-circuit board designed by Digital. This document is released along with Revision 3.2 standard VAXBI module artwork, which is available to VAXBI module design sites. The figures contained in this document are for clarity only. Consult control drawings for specific information.

Procedures for Using Revision Matrix (RM) Documents

DOCUMENT NUMBER: A-MN-ELEN068-01-0000 ORDER NUMBER: EL-EN068-01
RELEASED REVISION AND DATE: B, 30-Jan-1987
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: J. Bailey, Product Change Process Office
ABSTRACT: Describes how to use revision matrix (RM) documents.

Table 3 (Cont.): Documents Sorted By Order Number

Engineering ECO Coordination Procedure

DOCUMENT NUMBER: A-DS-ELEN100-1A-0000 ORDER NUMBER: EL-EN100-1A
RELEASED REVISION AND DATE: B, 17-Jun-1981
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: Jarvis Bailey, Product Change Process Office
ABSTRACT: Defines the procedure used by an Engineering ECO Coordinator to support the ECO process for Digital hardware. The procedure for the overall process is given, together with a method of handling supplement ECOs and for validating or assisting in determining which engineers are responsible for a specific ECO process.

Hardware ECO Form Procedure

DOCUMENT NUMBER: A-DS-ELEN100-1B-0000 ORDER NUMBER: EL-EN100-1B
RELEASED REVISION AND DATE: B, 29-Jul-1983
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: Jarvis Bailey, Product Change Process Office
ABSTRACT: This is a procedure that supports DEC STD 100. It defines two processes: one for filling out pre-printed ECO forms, and the other for word processing ECO forms.

Preliminary Change Authorization (PCA) Process

DOCUMENT NUMBER: A-DS-ELEN100-1D-0000 ORDER NUMBER: EL-EN100-1D
RELEASED REVISION AND DATE: A, 25-May-1983
MANAGEMENT CATEGORY: Engineering Change Orders (ECOs) (TTE)
RESPONSIBLE PERSON: Jarvis Bailey, Product Change Process Office
ABSTRACT: Defines the minimum requirements and processes necessary for control of parts and documentation during development.

Applicon Plot File to Multiplot File Conversion Program

DOCUMENT NUMBER: A-SP-ELEN101-00-0000 ORDER NUMBER: EL-EN101-00
RELEASED REVISION AND DATE: A, 03-Nov-1981
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Don Peters, Manufacturing Operations
ABSTRACT: This specification provides a description of the Applicon Plot File to Multiplot Conversion Program, its theory of operation and procedures to operate the program. A list of APF conventions command formats, and common error messages are included.

Sample EMC Quality Manual

DOCUMENT NUMBER: A-DG-ELEN103-00-0000 ORDER NUMBER: EL-EN103-00
RELEASED REVISION AND DATE: A, 03-Mar-1992
MANAGEMENT CATEGORY: Test Laboratories (HTL)
RESPONSIBLE PERSON: Tom Tuttle, EMC Domain Office
ABSTRACT: This document is a sample EMC quality manual to be used as a guide with DEC STD 203-0 General Requirements for Technical Evaluation Laboratories.

Representation of Time for Information Exchange

DOCUMENT NUMBER: A-DG-ELEN112-00-0000 ORDER NUMBER: EL-EN112-00
RELEASED REVISION AND DATE: A, 30-Jul-1987
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: Michael Fine, DSA and DA
ABSTRACT: This guide establishes a consistent representation of date and time for the purpose of information exchange among Digital's computer systems. It defines the representation of absolute calendar date and time and relative time in two formats: character string and binary representations.

Table 3 (Cont.): Documents Sorted By Order Number

Thermal Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN120-01-0000 ORDER NUMBER: EL-EN120-01
RELEASED REVISION AND DATE: A, 20-Sep-1990
MANAGEMENT CATEGORY: Thermal Design (HPT)
RESPONSIBLE PERSON: Ralph Larson, Mechanical Technology Department
ABSTRACT: This guideline contains thermal limit data for components, items, and materials used in the construction of Digital products. It provides the basis for each guideline limit and the specific location for measurement and verification purposes.

Design Drawing Examples

DOCUMENT NUMBER: A-DG-ELEN140-00-0000 ORDER NUMBER: EL-EN140-00
RELEASED REVISION AND DATE: A, 25-Jun-1990
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Bob DuBois, Computer Systems Manufacturing
ABSTRACT: This document shows examples of drawings referenced in DEC STD 140-1, -2, and -3 and applicable documentation formats referenced in DEC STD 140-0. Refer to the appropriate section of DEC STD 140 Documentation, Data, and Release Requirements for content requirements.

Digital Standards - Poster

DOCUMENT NUMBER: E-DG-ELEN203-PO-0000 ORDER NUMBER: EL-EN203-PO
RELEASED REVISION AND DATE: B, 31-Mar-1989
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control (SMC)
ABSTRACT: This poster lists internal Digital standards sorted by category. The poster measures 23 inches wide by 34 inches high.

Process and Design Support Product Summary

DOCUMENT NUMBER: A-MN-ELEN208-00-0000 ORDER NUMBER: EL-EN208-00
RELEASED REVISION AND DATE: A, 18-Apr-1985
MANAGEMENT CATEGORY: Process and Design Technology (HP)
RESPONSIBLE PERSON: David Symmes, PDS Management
ABSTRACT: Describes the technology work that P&DS is doing for Digital Equipment Corporation. This involves three essential aspects: physical product devices and elements, automated design processes for product devices and elements, and manufacturing processes for product devices and elements.

Technical Bulletin Telephone Adapter Cables

DOCUMENT NUMBER: A-SP-ELEN210-00-0000 ORDER NUMBER: EL-EN210-00
RELEASED REVISION AND DATE: A1, 02-Jun-1986
MANAGEMENT CATEGORY: Telecommunications (HRT)
RESPONSIBLE PERSON: Ralph Dieter, International Telecommunications Engineering
ABSTRACT: Illustrates the commonly used telephone connectors that are fitted to standard cable assemblies. Includes the engineering purchase specifications, part numbers, and configurations associated with each assembly. These cable assemblies connect Digital products to the PTT Public Switched Telephone Network (PSTN) and leased line services, which typically use analog signaling techniques.

Table 3 (Cont.): Documents Sorted By Order Number

DCF User's Manual

DOCUMENT NUMBER: A-MN-ELEN301-UG-0000 ORDER NUMBER: EL-EN301-UG
RELEASED REVISION AND DATE: H, 01-Jun-1981
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Chris Morning, Corporate Information Services
ABSTRACT: Provides guidelines for maintenance and update of information on the Document Control File (DCF). Intended as a training aid and reference document for site document control people.

Symbology Handbook

DOCUMENT NUMBER: A-MN-ELEN304-00-0000 ORDER NUMBER: EL-EN304-00
RELEASED REVISION AND DATE: A, 29-Oct-1982
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Don Call, Technical Information Process (TIP)
ABSTRACT: Provides a picture of every logic body in the SUDS logic Symbology.

Introduction and Index to Thick Film Hybrid Design Manual

DOCUMENT NUMBER: A-MN-ELEN306-00-0000 ORDER NUMBER: EL-EN306-00
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section of the manual provides an introduction and index to the various sections that describe design guidelines for converting a circuit from a specific application and circuit diagram to a working thick film hybrid.

Single Layer Conductor Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN306-01-0000 ORDER NUMBER: EL-EN306-01
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the rules for designing thick film conductors used in single layer on an alumina substrate.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Conductor Crossover Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN306-02-0000 ORDER NUMBER: EL-EN306-02
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the design of thick film conductor crossovers used in a single layer on an alumina substrate.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Multilayer Conductor Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN306-03-0000 ORDER NUMBER: EL-EN306-03
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the design rules of thick film multilayer structures on an alumina substrate.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Thick Film Resistor Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN306-04-0000 ORDER NUMBER: EL-EN306-04
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the design of thick film resistors on an alumina substrate.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Thick Film Capacitor Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN306-05-0000 ORDER NUMBER: EL-EN306-05
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the design of thick film capacitors on an alumina substrate.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Assembled Component Pad Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN306-06-0000 ORDER NUMBER: EL-EN306-06
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the pad designs for components assembled to alumina substrates.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Component Placement Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN306-07-0000 ORDER NUMBER: EL-EN306-07
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the placement of active and passive devices in packaged or chip form onto a thick film interconnecting structure on an alumina substrate.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Substrate Parameters for Thick Film Design

DOCUMENT NUMBER: A-MN-ELEN306-08-0000 ORDER NUMBER: EL-EN306-08
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the substrate parameters for thick film design.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Substrate Sizing Guidelines for Thick Film Hybrids

DOCUMENT NUMBER: A-MN-ELEN306-09-0000 ORDER NUMBER: EL-EN306-09
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the determination of substrate size based on component footprint area and interconnect density requirements.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Thick Film Hybrid Thermal Design Guidelines

DOCUMENT NUMBER: A-MN-ELEN306-10-0000 ORDER NUMBER: EL-EN306-10
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the thermal design of thick film hybrids.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Solder Paste Application Guideline

DOCUMENT NUMBER: A-MN-ELEN306-11-0000 ORDER NUMBER: EL-EN306-11
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes design rules for applying solder screens or solder stencils with controlled solder deposits onto a thick film metallization.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Artwork Generation Design Guideline

DOCUMENT NUMBER: A-MN-ELEN306-12-0000 ORDER NUMBER: EL-EN306-12
RELEASED REVISION AND DATE: A, 16-Mar-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dave Kellerman, Interconnect Technology Process Development
ABSTRACT: This section establishes the set of rules pertaining to the artwork generation design for thick film structures on ceramic.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN306-00-0000.

Printed-circuit Board CAD Process Guide

DOCUMENT NUMBER: A-MN-ELEN309-00-0000 ORDER NUMBER: EL-EN309-00
RELEASED REVISION AND DATE: A, 16-Apr-1982
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: N/A, N/A
ABSTRACT: Reference and guidebook for the various CAD tools used at Digital in PC layout design. Overviews process flow for each PC layout CAD tool. Contains specific reference information on each CAD tool.

PC Board Layout Manual

DOCUMENT NUMBER: A-MN-ELEN312-00-0000 ORDER NUMBER: EL-EN312-00
RELEASED REVISION AND DATE: A1, 12-Jan-1988
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Bob Waldie, Engineering Support Operations
ABSTRACT: This manual provides basic rules, guidelines, and information for printed-circuit layout design. It is considered an HISTORICAL document and is not to be used for new product development.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Standard Digital Engineering Formats

DOCUMENT NUMBER: A-MN-ELEN313-00-0000 ORDER NUMBER: EL-EN313-00
RELEASED REVISION AND DATE: A, 12-Nov-1981
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Maureen Bishop-Elfring, Standards and Methods Control
ABSTRACT: This is a compilation of the standard Digital pre-printed engineering drawing formats used in DEC STD 013.

Table 3 (Cont.): Documents Sorted By Order Number

Digital-Developed Applicon Command Extensions

DOCUMENT NUMBER: A-MN-ELEN317-00-0000 ORDER NUMBER: EL-EN317-00
RELEASED REVISION AND DATE: C, 01-Mar-1984
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Don Peters, Engineering Support Operations
ABSTRACT: The commands described in this document are extensions to the AGS [Applicon Graphics System] 860 command set. These extensions were written using AGS/861 software. Their function is to improve the productivity of the Applicon CAD system by giving the on-line designer a wider variety of graphic tools.

PDF Users Manual - Version 1

DOCUMENT NUMBER: A-MN-ELEN319-01-0000 ORDER NUMBER: EL-EN319-01
RELEASED REVISION AND DATE: A, 01-Dec-1982
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Diane Cooper, Unavailable
ABSTRACT: Intended for printed circuit board layout designers who will use the PDF programs to create PDF (Product Description Files). The PDF is the interface file between a design data base and Manufacturing.

PDF User's Manual - Version 1.5

DOCUMENT NUMBER: A-MN-ELEN319-02-0000 ORDER NUMBER: EL-EN319-02
RELEASED REVISION AND DATE: A, 30-Sep-1983
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Diane Cooper, Unavailable
ABSTRACT: A PDF (Product Description File) is a new interface file, replacing the Manufacturing Interface File (MIF). a PDF describes an assembly, that is, one Digital part number, and serves to transfer the product information from the Engineering design data base to identify, build, and test the assembly.

SUDS Documentation Process

DOCUMENT NUMBER: A-MN-ELEN320-00-0000 ORDER NUMBER: EL-EN320-00
RELEASED REVISION AND DATE: A, 11-May-1983
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Carol Fiorentino, Applied Technology Services
ABSTRACT: Describes the process for identification, control, and release of Stanford University Drawing System (SUDS) generated data.

Incoming Inspection Procedures for Textured Plastic Components

DOCUMENT NUMBER: A-SP-ELEN322-00-0000 ORDER NUMBER: EL-EN322-00
RELEASED REVISION AND DATE: B, 08-Aug-1983
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana Debois, Industrial Design Engineering
ABSTRACT: Defines procedures and criteria to be used for visually inspecting textured plastic components. It provides an inspection procedure to qualify plastic textured components in a more accurate and more cost effective manner. This specification does not supersede DEC STD 092; rather, it is to be used with DEC STD 092.

Table 3 (Cont.): Documents Sorted By Order Number

Low End Storage Interconnect (LESI) Specification

DOCUMENT NUMBER: A-SP-ELEN323-00-0000 ORDER NUMBER: EL-EN323-00
RELEASED REVISION AND DATE: B, 21-May-1985
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: Anthony Raymond, Storage Systems East
ABSTRACT: This document defines the Low End Storage Interconnect (LESI). The LESI interfaces a mass storage device to an adapter which resides in the host. The adapter interfaces the LESI to the host bus. Both the protocol of the LESI and the functionality required of the adapter are described.

KPL to EPLS Process Manual

DOCUMENT NUMBER: A-MN-ELEN355-00-0000 ORDER NUMBER: EL-EN355-00
RELEASED REVISION AND DATE: A, 23-Feb-1981
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: Sue McElroy, Unknown
ABSTRACT: Describes how to transfer a released automated parts list (K-PL) to the Engineering Product Library System (EPLS). Intended for use by site design library personnel in coordinating the KPL to EPLS process.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Applicon Hybrid Design Guide

DOCUMENT NUMBER: A-MN-ELEN360-00-0000 ORDER NUMBER: EL-EN360-00
RELEASED REVISION AND DATE: A, 01-Jan-1982
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Frank Malanson, Storage and Information Management Group
ABSTRACT: Provide guidelines and requirements for the design, layout, artwork, and documentation of hybrids and their related substrates. Focused for individuals designing hybrids using the Applicon computer-aided design (CAD) system in Maynard.

Multiplot File Format

DOCUMENT NUMBER: A-SP-ELEN375-00-0000 ORDER NUMBER: EL-EN375-00
RELEASED REVISION AND DATE: A, 12-Mar-1982
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Bob Anderson, None/Unknown
ABSTRACT: This specification lists Multiplot File Format requirements defined in CADEA software MULPLT version 98, dated 17-Sep-80.

Predic Reliability Predictions Users Manual

DOCUMENT NUMBER: A-MN-ELEN418-00-0000 ORDER NUMBER: EL-EN418-00
RELEASED REVISION AND DATE: B, 25-Nov-1986
MANAGEMENT CATEGORY: Reliability Testing (MQR)
RESPONSIBLE PERSON: Richard Cygan, System Reliability Engineering
ABSTRACT: This manual contains operating instructions for the PREDIC Reliability Prediction Computer Program. PREDIC works by calculating component part failure rates in accordance with the math models in MIL-HDBK-217D, Notice 1. The part failure rates are then accumulated for each assembly level based on a serial reliability model. Since PREDIC has built-in default values for all prediction parameters, it is possible to use the program with a very limited knowledge of MIL-HDBK-217.

Table 3 (Cont.): Documents Sorted By Order Number

Procedures for Completing U.S. Applications to Export and Reexport Commodities

DOCUMENT NUMBER: A-MN-ELEN428-00-0000 ORDER NUMBER: EL-EN428-00
RELEASED REVISION AND DATE: A, 27-Jul-1984
MANAGEMENT CATEGORY: Product Export Requirements (TPE)
RESPONSIBLE PERSON: Ruth Armknecht, Customer Export Services
ABSTRACT: This document provides detailed procedures for analysts completing U.S. export and reexport license applications. It also provides procedures for completing applications supplementary to the export and reexport applications.

Archive Data Structure File Specification

DOCUMENT NUMBER: A-SP-ELEN432-00-0000 ORDER NUMBER: EL-EN432-00
RELEASED REVISION AND DATE: F, 07-Dec-1990
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Chris Mudgett, VLS Development Group (VLSDG)
ABSTRACT: This document defines the archiving data (ADS) base for the VAX Layout System (VLS) and the IDEA II System. This document is divided into three general categories: structural overview of a CADIF file, general rules of usage of a CADIF file and Data content of the archiving data structure including referenced appendices.

Guidelines for Making Design Decisions

DOCUMENT NUMBER: A-DG-ELEN435-00-0000 ORDER NUMBER: EL-EN435-00
RELEASED REVISION AND DATE: A, 09-Feb-1987
MANAGEMENT CATEGORY: Design Process Administration/Management (TA)
RESPONSIBLE PERSON: Allan Kent, High Performance Systems
ABSTRACT: This document outlines the issues that should be considered in the early stages of product design (Phase 0) and as changes are proposed to the product to maximize the long-term profit to Digital.

Design Process for Surface Mount to Technology Release 1.0

DOCUMENT NUMBER: A-MN-ELEN455-00-0000 ORDER NUMBER: EL-EN455-00
RELEASED REVISION AND DATE: A, 20-Aug-1985
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Dave Ellis, Design Process (DP)
ABSTRACT: This manual defines the Design Process (DP) organization's deliverables for Technology Release 1.0 to the Surface Mount Program.

Common Test Grid

DOCUMENT NUMBER: A-MN-ELEN455-01-0000 ORDER NUMBER: EL-EN455-01
RELEASED REVISION AND DATE: A, 20-Aug-1985
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Louise Lemaire, Design Process (DP)
ABSTRACT: This section of the Design Process (DP) manual contains the text of the paper Common Test Grid presented by Louise Lemaire and should be included with EL-EN455-00 Design Process for Surface Mount to Technology Release 1.0.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN455-00-0000.

Procedure for Adding Soldermask Layers to a Surface Mount Technology (SMT) 1.0 Design

DOCUMENT NUMBER: A-MN-ELEN455-02-0000 ORDER NUMBER: EL-EN455-02
RELEASED REVISION AND DATE: A, 20-Aug-1985
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Dave Ellis, Design Process (DP)
ABSTRACT: This section of the Design Process for Surface Mount to Technology Release 1.0 contains the procedures used to add the finished product soldermask to a Surface Mount Technology 1.0 design.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELEN455-00-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Design Process for Surface Mount to Technology Release 1.5

DOCUMENT NUMBER: A-MN-ELEN456-00-0000 ORDER NUMBER: EL-EN456-00
RELEASED REVISION AND DATE: A, 15-Oct-1985
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Dave Ellis, Design Process (DP)
ABSTRACT: This manual defines the recommended design process for Surface Mount Technology Release up to and including version 1.5.

Producing International Products - Hardware Book

DOCUMENT NUMBER: A-MN-ELEN466-00-0000 ORDER NUMBER: EL-EN466-00
RELEASED REVISION AND DATE: B, 01-Apr-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Claude Pesquet, International Systems Engineering
ABSTRACT: This document presents guidelines to assist you in the design of international hardware products. These guidelines highlight the current international technical requirements for products that will be sold in the United States of America, in Europe, in General International Area countries, or any combination thereof.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM498-00-0000.

Producing International Products - Software Book

DOCUMENT NUMBER: A-MN-ELEN467-00-0000 ORDER NUMBER: EL-EN467-00
RELEASED REVISION AND DATE: B, 01-Apr-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Claude Pesquet, International Systems Engineering
ABSTRACT: This handbook describes the structure and composition of an international software product and recommends strategies that promote the design and implementation of such products.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM498-00-0000.

Producing International Products - User Information Book

DOCUMENT NUMBER: A-MN-ELEN468-00-0000 ORDER NUMBER: EL-EN468-00
RELEASED REVISION AND DATE: B, 01-Apr-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Claude Pesquet, International Systems Engineering
ABSTRACT: This handbook describes current international requirements for the user information that accompanies products sold in the United States of America, Europe, and the General International Area (GIA) countries.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM498-00-0000.

Identifying and Packaging Country-Specific Information

DOCUMENT NUMBER: A-SP-ELEN468-01-0000 ORDER NUMBER: EL-EN468-01
RELEASED REVISION AND DATE: A, 15-Jun-1987
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: C. Welch, International Systems Engineeering
ABSTRACT: This document primarily defines the information directly affecting the customer, or the user information.

Table 3 (Cont.): Documents Sorted By Order Number

Surface Mount Technology (SMT) Physical Testability Specification

DOCUMENT NUMBER: A-MN-ELEN487-00-0000 ORDER NUMBER: EL-EN487-00
RELEASED REVISION AND DATE: A, 25-Feb-1986
MANAGEMENT CATEGORY: Surface Mount Technology (HPS)
RESPONSIBLE PERSON: Bob Hartnett, (ATT/CAT)
ABSTRACT: This physical testability specification provides guidelines for stage 1 module manufacturing incorporating the surface mount technology releases 0.5 through 2.3. This is put in the data base as manual form only for pricing.

Surface Mount Technology (SMT) Physical Testability Specification

DOCUMENT NUMBER: A-SP-ELEN487-00-0000 ORDER NUMBER: EL-EN487-00
RELEASED REVISION AND DATE: A, 25-Feb-1986
MANAGEMENT CATEGORY: Surface Mount Technology (HPS)
RESPONSIBLE PERSON: Bob Hartnett, ATT/CAT
ABSTRACT: This physical testability specification provides guidelines for stage 1 module manufacturing incorporating the surface mount technology releases 0.5 through 2.3. This specification will not address the bare board test requirements. SMT bare board physical test will be covered by another document.

STP Rules, Data Requirements, Algorithm, and Strategy

DOCUMENT NUMBER: A-SP-ELEN487-01-0000 ORDER NUMBER: EL-EN487-01
RELEASED REVISION AND DATE: A, 25-Feb-1986
MANAGEMENT CATEGORY: Surface Mount Technology (HPS)
RESPONSIBLE PERSON: Bob Hartnett, ATT/CAD
ABSTRACT: This specification describes a conceptual software algorithm needed to assign or select test points [one point per electrical network and multiple points on power-ground networks] for double-sided surface-mounted modules. A basic algorithm, which takes into account electrical and mechanical constraints, is stated for assigning test points with respect to one side of the module. An additional algorithm, otherwise known as the 'strategy,' is stated for applying the base algorithm to either one or both sides of the module.

Surface Mount Technology Two-sided Fixture Specification

DOCUMENT NUMBER: A-SP-ELEN487-02-0000 ORDER NUMBER: EL-EN487-02
RELEASED REVISION AND DATE: A, 25-Feb-1986
MANAGEMENT CATEGORY: Surface Mount Technology (HPS)
RESPONSIBLE PERSON: Bob Hartnett, ATT/CAD
ABSTRACT: This document identifies and specifies minimum requirements for an in-circuit test (ICT) SMT test fixture in support of SMT releases 2.1 to 2.3.

Fixture/Test Probe/Component Clearance Detail

DOCUMENT NUMBER: A-SP-ELEN487-03-0000 ORDER NUMBER: EL-EN487-03
RELEASED REVISION AND DATE: A, 25-Feb-1986
MANAGEMENT CATEGORY: Surface Mount Technology (HPS)
RESPONSIBLE PERSON: Bob Hartnett, ATT/CAD
ABSTRACT: This document illustrates a surface mount device (SMD) fixture/test pad design layout for 0.050 inch.

Design Process for Surface Mount to Technology Release 2.1

DOCUMENT NUMBER: A-MN-ELEN493-00-0000 ORDER NUMBER: EL-EN493-00
RELEASED REVISION AND DATE: A, 28-May-1987
MANAGEMENT CATEGORY: Surface Mount Technology (HPS)
RESPONSIBLE PERSON: Dave Ellis, Design Process (DP)
ABSTRACT: This manual defines the recommended design process for Surface Mount Technology Release up to and including version 2.1.

Table 3 (Cont.): Documents Sorted By Order Number

Producing International Products - Introduction

DOCUMENT NUMBER: A-MN-ELEN497-00-0000 ORDER NUMBER: EL-EN497-00
RELEASED REVISION AND DATE: B, 01-Apr-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Lee Rodabaugh, International Product Office
ABSTRACT: This document introduces a set of handbooks that present guidelines for internationalization.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM498-00-0000.

Signal Integrity (SI) Rules Design Guide for CAD

DOCUMENT NUMBER: A-MN-ELEN505-00-0000 ORDER NUMBER: EL-EN505-00
RELEASED REVISION AND DATE: A, 31-Oct-1986
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Clayton Martin, CAD Systems Engineering (CADSE)
ABSTRACT: Introduces a systematic method of electrical analysis of interconnect that fits into the CAD layout stream and can be automated; namely, a method of generating electrical rules. The method can incorporate various levels of accuracy, starting from the 'rule of thumb' type of rule to the most sophisticated simulation tool that achieves more precise results.

VAXKPL User's Guide

DOCUMENT NUMBER: A-MN-ELEN515-00-0000 ORDER NUMBER: EL-EN515-00
RELEASED REVISION AND DATE: C, 23-Jan-1990
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: John Covino, Product Information and Process Engineering Services (PIPES)
ABSTRACT: This manual provides instructions for using VAXKPL, a menu-driven system that provides an efficient means for creating and updating a Digital K-size Parts List (K-PL).

Long-Term Storage of Electronic Components and Assemblies

DOCUMENT NUMBER: A-SP-ELEN517-00-0000 ORDER NUMBER: EL-EN517-00
RELEASED REVISION AND DATE: A, 10-Sep-1989
MANAGEMENT CATEGORY: Industrial Packaging (HPP)
RESPONSIBLE PERSON: Norman Burke, Industrial Package Engineering (IPE)
ABSTRACT: This document defines two methods of protecting electronic components and assemblies during storage for extended periods of time (as defined herein).

Digital Qualification Process Manual

DOCUMENT NUMBER: A-MN-ELEN522-00-0000 ORDER NUMBER: EL-EN522-00
RELEASED REVISION AND DATE: A, 08-Sep-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Vic Aramati, Corporate Quality Group
ABSTRACT: This Qualification Manual sets the guidelines on product qualification to be followed by all Product Management Teams and Qualification Teams, spanning the breadth of Digital's product offering from components to systems, including clusters and distributed systems. This manual also formalizes a process for qualifying buyout and value engineered products.

Table 3 (Cont.): Documents Sorted By Order Number

Storage Systems Qualification Manual

DOCUMENT NUMBER: A-MN-ELEN522-01-0000 ORDER NUMBER: EL-EN522-01
RELEASED REVISION AND DATE: C, 18-Sep-1991
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Dick Leonhardt, Storage Systems Quality
ABSTRACT: This document establishes guidelines for storage and information systems qualification to be followed by all Product Management Teams and Qualification Teams for all Storage products, from components to systems, including clusters and distributed systems.

DOCS User's Guide

DOCUMENT NUMBER: A-MN-ELEN528-00-0000 ORDER NUMBER: EL-EN528-00
RELEASED REVISION AND DATE: B, 09-May-1988
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Maria Ziminsky, CAD/CAM
ABSTRACT: This document is a user's guide to the Document Control System (DOCS), a software program for tracking engineering product document and drawing records within Digital.

DOCS Inquiry User's Guide

DOCUMENT NUMBER: A-MN-ELEN528-01-0000 ORDER NUMBER: EL-EN528-01
RELEASED REVISION AND DATE: A, 31-May-1988
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Maria Ziminsky, CAD/CAM
ABSTRACT: This document is an inquiry user's guide to the Document Control System (DOCS), a software program for tracking engineering product documents with Digital.

FDDI (Fiber Distributed Data Interface) Physical Channel Components Test Procedures

DOCUMENT NUMBER: A-SP-ELEN529-00-0000 ORDER NUMBER: EL-EN529-00
RELEASED REVISION AND DATE: C, 01-Apr-1989
MANAGEMENT CATEGORY: Telecommunications (HRT)
RESPONSIBLE PERSON: Simon Ginzburg, Telecommunications and Networks
ABSTRACT: Provides detailed descriptions of the measurement procedures for the key parameters of fiber optic transmitters, receivers, clock recovery circuits, cables, and connectors. An overview of the prospects for automation of measurements is included.

DEC FDDI Physical Channel: A Technical Report

DOCUMENT NUMBER: A-SP-ELEN529-01-0000 ORDER NUMBER: EL-EN529-01
RELEASED REVISION AND DATE: A, 25-Jan-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Simon Ginzburg, Telecommunications and Networks
ABSTRACT: This report describes the DEC FDDI Physical Channel. It discusses the major tradeoffs and choices made to achieve 2-km distance with BER less than 2.5 x 10E-10. These choices are a compromise between maximum performance and the standard compliance.

Copper FDDI Physical Channel

DOCUMENT NUMBER: A-SP-ELEN529-02-0000 ORDER NUMBER: EL-EN529-02
RELEASED REVISION AND DATE: A, 07-Feb-1992
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Simon Ginzburg, Network Systems Engineering
ABSTRACT: This document is a rationale and description of the FDDI [Fiber Distributed Data Interface] copper physical channels. A complete description of the copper distributed data interface physical channels is obtained with the collateral specifications for shielded twisted pair (STP), ThinWire, and unshielded twisted pair (UTP) links.

Table 3 (Cont.): Documents Sorted By Order Number

Screening Debugging Optimization (SDO) User's Manual

DOCUMENT NUMBER: A-MN-ELEN532-00-0000 ORDER NUMBER: EL-EN532-00
RELEASED REVISION AND DATE: A, 17-Aug-1987
MANAGEMENT CATEGORY: Reliability Testing (HTR)
RESPONSIBLE PERSON: Richard Cygan, System Reliability Engineering
ABSTRACT: This manual contains instructions for a Screening Debugging Optimization (SDO) Computer program that evaluates product reliability during the manufacturing process, warranty, and early life periods. SDO works by keeping track of the quantities and consequences of latent defects that dominate the 'early life' reliability performance of a product. The program calculates optimum screens.

Product Phase Down Handbook for Product Managers

DOCUMENT NUMBER: A-DG-ELEN540-00-0000 ORDER NUMBER: EL-EN540-00
RELEASED REVISION AND DATE: B, 01-Mar-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Dana Primiano, Inventory Programs Team
ABSTRACT: This handbook, geared for Product Managers, describes the responsibilities, strategies, and tactics involved in Product Phase Down. The tasks of the phase down process are approached from a functional perspective, focusing on the Product Business Unit (PBU), Marketing, and Area Sales Headquarters. In addition, the handbook covers general responsibilities for Manufacturing and Field Service.

Physical Interconnect Strategy: PWB and Microassembly Substrates

DOCUMENT NUMBER: A-MN-ELEN549-00-0000 ORDER NUMBER: EL-EN549-00
RELEASED REVISION AND DATE: A, 13-Nov-1987
MANAGEMENT CATEGORY: VAX System Architecture and Interconnect (SHV)
RESPONSIBLE PERSON: Hank Rauch, Process and Technlogy Office
ABSTRACT: This document describes a corporate physical interconnect development strategy with regard to printed wiring boards (PWBs) and microsubstrates. This strategy was developed by the Process and Technology Office (PTO) and is recommended for corporate adoption.

Design Guide for BA200 Series Modules

DOCUMENT NUMBER: A-MN-ELEN551-00-0000 ORDER NUMBER: EL-EN551-00
RELEASED REVISION AND DATE: A, 10-Aug-1989
MANAGEMENT CATEGORY: Manufacturing Assembly (MA)
RESPONSIBLE PERSON: Rocco Mastrangelo, Micro Systems Engineering Support Unit (MSESU)
ABSTRACT: This document contains information regarding the design of BA200 Series Modules. This document includes designing for electromagnetic compatibility, modules with external I/O, modules without external I/O, cabling issues, labeling of BA200 Series Modules, documentation procedures from BA200 Series Options and Modules, and design examples. Also included are introductions to the BA200 Series Enclosures and Bulkheads.

Spanish Homologation - Approval Process

DOCUMENT NUMBER: A-DG-ELEN565-00-0000 ORDER NUMBER: EL-EN565-00
RELEASED REVISION AND DATE: B, 10-Jan-1989
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Robert Johnson, Corporate Product Safety and Regulations
ABSTRACT: This document defines the Spanish regulations to obtain approval for importation, sale and installation of video display units and dot matrix printers.

Table 3 (Cont.): Documents Sorted By Order Number

ERICA (Electronic Retrieval of Image and Computer Aided Design Architecture) - Remote Library Site User's Manual

DOCUMENT NUMBER: A-MN-ELEN573-00-0000 ORDER NUMBER: EL-EN573-00
RELEASED REVISION AND DATE: A, 23-Sep-1988
MANAGEMENT CATEGORY: Information Process (SDE) (TTI)
RESPONSIBLE PERSON: Gerry Marini, Engineering Information and Image Services
ABSTRACT: This manual describes ERICA, the remote library component of a Digital-developed distributed information management and retrieval system. The manual includes user instructions for selecting, retrieving, viewing, and printing the engineering documentation available at the site.

Producibility Automation and Cost Estimator (PACE) User's Guide

DOCUMENT NUMBER: A-MN-ELEN600-00-0000 ORDER NUMBER: EL-EN600-00
RELEASED REVISION AND DATE: C, 23-Sep-1991
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Kathy Bailey, Applied Module/PWB Technology (AMPT) Producibility
ABSTRACT: This document describes how to use the Producibility Automation and Cost Estimator (PACE) cost analysis tool to estimate the cost of a module assembly. Also included is procedural information on interfacing a database of module producibility information.

Producing International Products - Master Glossary

DOCUMENT NUMBER: A-GL-ELEN604-00-0000 ORDER NUMBER: EL-EN604-00
RELEASED REVISION AND DATE: A, 01-Apr-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Claude Pesquet, International Systems Engineering
ABSTRACT: No Abstract Available
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM498-00-0000.

Producing International Products - Master Index

DOCUMENT NUMBER: A-GL-ELEN605-00-0000 ORDER NUMBER: EL-EN605-00
RELEASED REVISION AND DATE: A, 01-Apr-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Claude Pesquet, International Systems Engineering
ABSTRACT: No Abstract Available
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM498-00-0000.

Producing International Products - Internationalization Process Handbook

DOCUMENT NUMBER: A-MN-ELEN606-00-0000 ORDER NUMBER: EL-EN606-00
RELEASED REVISION AND DATE: A, 01-Apr-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Claude Pesquet, International Systems Engineering
ABSTRACT: This handbook describes the internationalization process. It is intended to help those involved in internationalizing products understand the tasks that need to be performed, when they should be performed, and by whom.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM498-00-0000.

Table 3 (Cont.): Documents Sorted By Order Number

System-Level Design Analysis (SLDA) Dictionary

DOCUMENT NUMBER: A-GL-ELEN610-00-0000 ORDER NUMBER: EL-EN610-00
RELEASED REVISION AND DATE: A, 30-Nov-1989
MANAGEMENT CATEGORY: System Parameter Test (HTS)
RESPONSIBLE PERSON: Tom Schnare, SEE/SLDA Group
ABSTRACT: This document defines the parameters (attributes) that affect the system-level interaction of Digital hardware products. Included in this document are a product hierarchy for classification of system-level hardware products, definitions of system interaction attributes, an assignment of these attributes to product classes, and an attribute classification. The information in this document has been extracted from the SLDA data base, Version 3.4

Footprint Patterns for Surface Mount Technology

DOCUMENT NUMBER: A-SP-ELEN705-00-0000 ORDER NUMBER: EL-EN705-00
RELEASED REVISION AND DATE: A, 30-Nov-1989
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Amalendu Sanyal, Interconnect Technology and Process Development (ITPD)
ABSTRACT: This document contains data on all approved footprint patterns available under the Surface Mount program. Dimensions, pin locations, and soldermask and solderpaste dimensions are specified for each footprint pattern. Each of the footprint drawings is under individual revision control, and will be individually updated when necessary.

Underwriters Laboratory - UL1950, Standard for Safety of Information Technology Equipment Including Electrical Business Equipment

DOCUMENT NUMBER: A-SP-ELEN711-00-0000 ORDER NUMBER: EL-EN711-00
RELEASED REVISION AND DATE: B, 25-Feb-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Robert Johnson, Corporate Product Safety and Regulations
ABSTRACT: This document is a copy of UL1950 [First Edition - 15 March 1989/Revised December 1991]. It is reprinted, with permission from Underwriters Laboratories Inc., for use within Digital Equipment Corporation.

Sheet Metal Designer's Handbook

DOCUMENT NUMBER: A-MN-ELEN725-01-0000 ORDER NUMBER: EL-EN725-01
RELEASED REVISION AND DATE: A, 17-Dec-1990
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Bill Morrill, Manufacturing Operations
ABSTRACT: This handbook summarizes sheet metal design rules.
DOCUMENT STATUS: Caution: Document change is in progress.

Injection-Molding Designers' Handbook

DOCUMENT NUMBER: A-MN-ELEN726-01-0000 ORDER NUMBER: EL-EN726-01
RELEASED REVISION AND DATE: A, 22-May-1991
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Eric Nielsen, Manufacturing Operations
ABSTRACT: This handbook summarizes design principles and guidelines to be applied when creating components molded of plastic materials. The information is presented to offer a manufacturing process perspective in the designing of plastic parts.

Table 3 (Cont.): Documents Sorted By Order Number

Finishing Rules Handbook for Sheet Metal

DOCUMENT NUMBER: A-MN-ELEN727-01-0000 ORDER NUMBER: EL-EN727-01
RELEASED REVISION AND DATE: A, 12-Jul-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Systems Materials Engineering
ABSTRACT: This handbook summarizes design guidelines from a Manufacturing perspective for the selection of the finish to be used in the design of sheet metal parts.

3D Sheet Metal Information Transfer Engineering/Manufacturing Manual

DOCUMENT NUMBER: A-SP-ELEN728-00-0000 ORDER NUMBER: EL-EN728-00
RELEASED REVISION AND DATE: B, 04-Feb-1992
MANAGEMENT CATEGORY: Regulated Materials (HRM)
RESPONSIBLE PERSON: Hewon Hwang, Engineering/Manufacturing Design Engineering
ABSTRACT: This manual summarizes the rules and guidelines of 3D dimensionless sheet metal data base information transfer. This includes guidelines on how the data base is created and organized, as well as what types of information should reside in the data base. This manual also outlines the default tolerance specification and the default inspection specification.

Finishing Rules Handbook for Plastics

DOCUMENT NUMBER: A-MN-ELEN729-01-0000 ORDER NUMBER: EL-EN729-01
RELEASED REVISION AND DATE: A, 26-Nov-1991
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Art Clockedile, Technical Services for Manufacturing & Engineering
ABSTRACT: This handbook summarizes design guidelines from a Manufacturing perspective for the selection of the finish to be used in the design of plastic parts.

Guide to Technology Standardization

DOCUMENT NUMBER: A-MN-ELEN765-00-0000 ORDER NUMBER: EL-EN765-00
RELEASED REVISION AND DATE: A, 01-Oct-1991
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Robert Bismuth, Corporate Standards and Consortia
ABSTRACT: This guide is a resource for Digital employees who are working with technology standards groups and consortia. It contains overview information on the forums of interest to Digital. It also explains who should be involved in standards forums and expectations of participants. This document is also available as EF-A1476-50. It is included in the SMC online documentation set as a convenience to those involved in standards.

Unit Charge Reference Guide

DOCUMENT NUMBER: A-MN-ELENCHG-RF-0000 ORDER NUMBER: EL-ENCHG-RF
RELEASED REVISION AND DATE: J, 10-Mar-1988
MANAGEMENT CATEGORY: Design Process Administration/Management (TA)
RESPONSIBLE PERSON: Brian Flanagan, Support Services (TSG)
ABSTRACT: This manual is a guide for engineering development organizations and their support groups. The purpose is to familiarize Cost Center personnel with the Unit Charge System. The groups referenced within this manual support Unit Charge as a project control tool that facilitates organizational planning and control.

Table 3 (Cont.): Documents Sorted By Order Number

PDP–11 Diagnostic Design Guide

DOCUMENT NUMBER: A-MN-ELENDIA-11-0000 ORDER NUMBER: EL-ENDIA-11
RELEASED REVISION AND DATE: B, 21-Mar-1985
MANAGEMENT CATEGORY: Diagnostics (HTD)
RESPONSIBLE PERSON: Larry Prucha, Small Systems Diagnostic
ABSTRACT: Contains programming practices and standards for PDP/LSI–11 diagnostic programs. Pertinent information regarding operating environments, coding standards, design, and documentation are presented.

PDP–11 Diagnostic Programmer's Guide

DOCUMENT NUMBER: A-MN-ELENDIA-12-0000 ORDER NUMBER: EL-ENDIA-12
RELEASED REVISION AND DATE: A, 01-Sep-1985
MANAGEMENT CATEGORY: Diagnostics (HTD)
RESPONSIBLE PERSON: Larry Prucha, Small Systems Diagnostic
ABSTRACT: This manual is a collection of tools, examples, strategies and suggestions for diagnostic programmers. It provides guidance in developing diagnostics and moving the diagnostic to the appropriate media. The manual presents PDP–11 diagnostic programming procedures including and explanation of how to write diagnostic programs for the PDP–11 and LSI–11 families of computers.

DEC System-20 Diagnostic Design

DOCUMENT NUMBER: A-MN-ELENDIA-20-0000 ORDER NUMBER: EL-ENDIA-20
RELEASED REVISION AND DATE: A, 23-Dec-1982
MANAGEMENT CATEGORY: Diagnostics (HTD)
RESPONSIBLE PERSON: John Rosen, 36-Bit Diagnostics Manager
ABSTRACT: Presents an overview of diagnostic philosophy, procedures, goals, functions, and development methods.

KPL Users Manual - TOPS–20

DOCUMENT NUMBER: A-MN-ELENGRS-20-0KPL ORDER NUMBER: EL-ENGRS-20-0KPL
RELEASED REVISION AND DATE: A, 05-Jul-1983
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Sue McElroy, unknown
ABSTRACT: This manual describes procedures and commands for users of the KPL-TOPS–20 system. It includes interactive dialogue and parts list examples.

Manufacturing Data Base Files Specification

DOCUMENT NUMBER: A-SP-ELENMDB-00-0000 ORDER NUMBER: EL-ENMDB-00
RELEASED REVISION AND DATE: D, 01-May-1989
MANAGEMENT CATEGORY: Data Management Systems (TS)
RESPONSIBLE PERSON: Mark Roth, Technical Information Engineering (TIE)
ABSTRACT: This document defines the format and structure of the collection of files that comprise a Manufacturing Data Base (MDB). The MDB is considered the primary vehicle for transferring product information from Engineering physical layout (CAD) systems such as VLS (VAX Layout System) into a Manufacturing CAM environment.

Mag Tape User's Guide

DOCUMENT NUMBER: A-MN-ELENMTP-UG-0000 ORDER NUMBER: EL-ENMTP-UG
RELEASED REVISION AND DATE: A, 25-Feb-1983
MANAGEMENT CATEGORY: Computer Operations - Data Center Procedures (TKO)
RESPONSIBLE PERSON: Nat Rounds, Telecommunications and Networks
ABSTRACT: A guide for users of 1/2-inch magnetic tape. Describes general philosophy of the importance of careful handling, storing, cleaning, testing, shipping.

Table 3 (Cont.): Documents Sorted By Order Number

PC Board Engineering Handbook — Special Feature Drawings

DOCUMENT NUMBER: A-MN-ELENPCB-00-0000 ORDER NUMBER: EL-ENPCB-00
RELEASED REVISION AND DATE: CJ, 10-Sep-1991
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Kathy Bailey, Integrated DFX Engineering Applications Services (IDEAS)
ABSTRACT: This handbook provides a collection of released Gerber and circuit drill special features. It also includes special feature drawing formats. This information should be used as a guide when designing printed-circuit boards.

PC Board Engineering Handbook - Standard Circuit and Finger Details

DOCUMENT NUMBER: A-MN-ELENPCB-01-0000 ORDER NUMBER: EL-ENPCB-01
RELEASED REVISION AND DATE: B, 01-Sep-1992
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Kathy Bailey, Integrated DFX Engineering Applications Services (IDEAS)
ABSTRACT: This manual is a collection of standard circuit and finger detail drawings to be used as a guide when designing printed-circuit boards.

PC Board Engineering Handbook—Layer Construction Drawings

DOCUMENT NUMBER: A-MN-ELENPCB-02-0000 ORDER NUMBER: EL-ENPCB-02
RELEASED REVISION AND DATE: C, 15-Feb-1992
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Gerald Gagnon, External Boards Business
ABSTRACT: This manual is a collection of layer construction drawings to be used as a guide when designing printed-circuit boards.

Electrical Design Guide for Printed Circuits

DOCUMENT NUMBER: A-MN-ELENPCD-TM-0000 ORDER NUMBER: EL-ENPCD-TM
RELEASED REVISION AND DATE: B, 28-Aug-1985
MANAGEMENT CATEGORY: Signal Integrity (HPI)
RESPONSIBLE PERSON: Rich Evans, ASTT
ABSTRACT: This guide provides methods and data to assist a circuit designer in determining what physical restrictions must be imposed on a PC layout and design, to guarantee acceptable electrical operation.

Quick Turnaround Process for Printed Circuit Design

DOCUMENT NUMBER: A-MN-ELENQTA-UG-0000 ORDER NUMBER: EL-ENQTA-UG
RELEASED REVISION AND DATE: A, 10-Dec-1981
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Tom Surette, Semiconductor Interconnect Technology
ABSTRACT: This document is a guide to the printed circuit layout design procedures that enable quick turnaround in printed circuit design. The procedures follow a 10 working days' schedule and are based on IDEA and other CAD programs. The designer does interactive on-line layout during the day, and runs programs requiring lengthy processing time, such as the TWIGY router, in a batch mode overnight.

Table 3 (Cont.): Documents Sorted By Order Number

The Information Environment - Data Architecture and Systems for SDE

DOCUMENT NUMBER: A-MN-ELENSDE-01-0000 ORDER NUMBER: EL-ENSDE-01
RELEASED REVISION AND DATE: B, 03-Jun-1985
MANAGEMENT CATEGORY: Information Process (SDE) (TTI)
RESPONSIBLE PERSON: E. Van Horn, Center for Systems Development (CSD)
ABSTRACT: Describes the Information Environment being developed by the Center for Systems Development Process Group (CSDP) for product development within Digital. Because this Information Environment must continually support new technologies, tools, and methods, it will be one in which tools access project data in terms of application concepts, not in terms of permanent storage representations.

Wirewrap Process Reference

DOCUMENT NUMBER: A-MN-ELENWPR-TM-0000 ORDER NUMBER: EL-ENWPR-TM
RELEASED REVISION AND DATE: A, 26-Mar-1982
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: Fred Carberry, VMS Systems and Services
ABSTRACT: Describes the overall wirewrap process, as well as specific wirewrap operator's tasks. Also outlines the data generation process and ECO procedure. Intended for use by wirewrap operator.

Wirewrap Program Manual

DOCUMENT NUMBER: A-MN-ELENWWP-TM-0000 ORDER NUMBER: EL-ENWWP-TM
RELEASED REVISION AND DATE: A, 20-Oct-1982
MANAGEMENT CATEGORY: CAD/CAM Methods and Tools (HPK)
RESPONSIBLE PERSON: T.Richardson, None/Unknown
ABSTRACT: Describes the CAD soft tool programs used in the creation of wirewrap data base for backplanes and wirewrap modules. Intended for use by wirewrap operators.

ISO 9004 - Quality Management and Quality System Elements - Guidelines

DOCUMENT NUMBER: A-DG-ELEX754-00-0000 ORDER NUMBER: EL-EX754-00
RELEASED REVISION AND DATE: A, 10-May-1991
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control (SMC)
ABSTRACT: This document is a copy of ISO 9004, first edition, 1987 (E). It is reproduced, with permission from the International Organization for Standardization, for use within Digital Equipment Corporation. This document describes a basic set of elements by which quality management systems can be developed and implemented. The selection of appropriate elements contained in this document and the extent to which these elements are adopted and applied depends on factors such as market being served, nature of product, production processes, and consumer need.

ISO 8402 Quality - Vocabulary

DOCUMENT NUMBER: A-DG-ELEX755-00-0000 ORDER NUMBER: EL-EX755-00
RELEASED REVISION AND DATE: A, 10-May-1991
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control (SMC)
ABSTRACT: This document is a copy of ISO 8402, 1986-06-15. It is reproduced, with permission from the International Organization for Standardization, for use within Digital Equipment Corporation. This document defines the basic and fundamental terms relating to quality concepts, as they apply to products and services, for preparation and use of quality standards and for mutual understanding in international communications. Addendum 1 (1986/DAD1), which enlarges the series of terms and definitions in ISO 8402 is attached. NOTE: Significant changes to ISO 8402 are under development by ISO.

Table 3 (Cont.): Documents Sorted By Order Number

ISO 9000 - Quality Management and Quality Assurance Standards - Guidelines for Selection and Use

DOCUMENT NUMBER: A-DG-ELEX756-00-0000 ORDER NUMBER: EL-EX756-00
RELEASED REVISION AND DATE: A, 22-Apr-1991
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Robert Kennedy, Corporate Quality Office
ABSTRACT: This document is a copy of ISO 9000, first edition, 1987 (E). It is reproduced, with permission from the International Organization for Standardization, for use within Digital Equipment Corporation. This standard clarifies the distinctions and interrelationships among the principal quality concepts (see clause 4), and provides guidelines for the selection and use of a series of international standards on quality systems that can be used for internal quality management (ISO 9004) and for external quality assurance (ISO 9001, ISO 9002, ISO 9003). (See clauses 5 to 8 inclusive.)

ISO 9000-3 - Quality Management and Quality Assurance Standards - Part 3 Guidelines for the Application of ISO 9001 to the Development, Supply and Maintenance of Software

DOCUMENT NUMBER: A-DG-ELEX881-00-0000 ORDER NUMBER: EL-EX881-00
RELEASED REVISION AND DATE: A, 29-May-1992
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control
ABSTRACT: This document is a copy of ISO 9000-3, first edition, 1991(E). It is reproduced with permission from the International Organization for Standardization, for use within Digital Equipment Corporation. This part of ISO 9000 deals primarily with situations where specific software is developed as part of a contract according to purchaser's specifications. However, the concepts described may be equally of value in other situations.

ISO 10011 - Guidelines for Auditing Quality Systems

DOCUMENT NUMBER: A-DG-ELEX882-00-0000 ORDER NUMBER: EL-EX882-00
RELEASED REVISION AND DATE: A, 29-May-1992
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control (SMC)
ABSTRACT: This document has three parts: Part 1: Auditing provides guidelines for performing and audit of a quality system of an organization. Part 2: Qualification Criteria for Quality Systems Auditors describes the minimum criteria required to qualify auditors. Part 3: Managing Audit Programs provides basic guidelines for managing quality system audit programs.

Bar Code Labeling Requirements for Field Service Logistics (FSL) Spare Parts

DOCUMENT NUMBER: A-SP-ELFS047-00-0000 ORDER NUMBER: EL-FS047-00
RELEASED REVISION AND DATE: B, 08-Jan-1985
MANAGEMENT CATEGORY: Product Labeling (HRL)
RESPONSIBLE PERSON: Robert Rosenthal, FS Logistics
ABSTRACT: This specification provides criteria for the uniform application of Bar Code Labels by Field Service Logistics and its suppliers on new and repaired spare parts and related packaging materials. Specific formatting details are described and definitions of the bar coded information are provided. Specification contents are in accordance with DEC STD 047.

Table 3 (Cont.): Documents Sorted By Order Number

Printed-Wiring Board (PWB) Gold Contact Cleaning Process

DOCUMENT NUMBER: A-SP-ELFS266-00-0000 ORDER NUMBER: EL-FS266-00
RELEASED REVISION AND DATE: A, 15-Jan-1985
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: James Michniewich, Advanced PWB Development
ABSTRACT: Provides guidelines pertaining to the cleaning of gold plated fingers on printed circuit boards using Gold Wipes. These guides replace any previously used methods.

Field Service Product Phase Down Procedures

DOCUMENT NUMBER: A-DG-ELFS540-00-0000 ORDER NUMBER: EL-FS540-00
RELEASED REVISION AND DATE: A, 01-Aug-1988
MANAGEMENT CATEGORY: Digital Services Logistics/Manufacturing (FL)
RESPONSIBLE PERSON: Art Haviland, FSPPD Programs Office
ABSTRACT: The intent of this document is not only to give direction to the Customer Services Team in addressing issues pertaining to hardware and software products Engineering is phasing down, but also to provide this team with guidelines on long-term support considerations for all products in the field that have gone through the Digital Phase Review Process.

General International Area (GIA) Quality System Requirements

DOCUMENT NUMBER: A-DG-ELGIA01-01-0000 ORDER NUMBER: EL-GIA01-01
RELEASED REVISION AND DATE: A, 16-Feb-1990
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Kevin Stephens, GIA Group Quality Assurance
ABSTRACT: This document defines and describes the Quality System requirements that must be implemented in the General International Area (GIA). These requirements are categorized into 27 quality elements.

General International Area (GIA) Quality System - Quality Assurance Process

DOCUMENT NUMBER: A-DG-ELGIA01-02-0000 ORDER NUMBER: EL-GIA01-02
RELEASED REVISION AND DATE: A, 16-Feb-1990
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Kevin Stephens, GIA Group Quality Assurance
ABSTRACT: This document provides procedures and guidelines for documenting, implementing, maintaining, and verifying the requirements of EL-GIA01-00, General International Area [GIA] Quality System Standard - Executive Summary [in process] and EL-GIA01-01, General International Area [GIA] Quality System Requirements. This document covers the internal documentation, auditing, and verification processes that comprise the Quality Assurance Process.

Strawman Report: How to Engineer An International Software Product

DOCUMENT NUMBER: A-DG-ELIE467-00-0000 ORDER NUMBER: EL-IE467-00
RELEASED REVISION AND DATE: A, 25-Apr-1986
MANAGEMENT CATEGORY: Cross-Architecture (SA)
RESPONSIBLE PERSON: John Parodi, SARA Technical Office
ABSTRACT: This report examines issues associated with international software products and provides guidance for engineering such products.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Table 3 (Cont.): Documents Sorted By Order Number

ISCES User's Guide

DOCUMENT NUMBER: A-MN-ELISCES-UG-0000 ORDER NUMBER: EL-ISCES-UG
RELEASED REVISION AND DATE: A, 24-Dec-1987
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Norma Gahl, MEM Finance IS
ABSTRACT: This manual provides an overview of the menu-driven Internal Standard Cost Establishment System (ISCES) and provides instructions for using each menu option.

Low End Systems Policies and Procedures

DOCUMENT NUMBER: A-MN-ELLES01-00-0000 ORDER NUMBER: EL-LES01-00
RELEASED REVISION AND DATE: E, 31-Jul-1990
MANAGEMENT CATEGORY: Process and Project Management Processes (TP)
RESPONSIBLE PERSON: Helene Longo, Low End Systems Finance
ABSTRACT: This manual is a compilation of Low End Systems (LES) policies and procedures.

PrintServer Drum, Product Part Number(s) 29-27398-01, LPS2X-AC, LPS3X-AC Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD001-AA-0000 ORDER NUMBER: EL-MD001-AA
RELEASED REVISION AND DATE: B, 15-Sep-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: PrintServer Drum Part Numbers: 29-27398-01, LPS2X-AC, LPS3X-AC Use: Image Transfer Device for LPS20, LPS32 Printers Material Safety Data Sheet - MSDS

PrintServer Toner (Cartridge), Product Part Numbers: LPS2X-AA, LPS3X-AA, 29-27421-01, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD002-AA-0000 ORDER NUMBER: EL-MD002-AA
RELEASED REVISION AND DATE: B, 15-Sep-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: PrintServer Toner (Cartridge) Part Numbers: LPS2X-AA, 29-27421-01, LPS3X-AA Use: Image Transfer Media for LPS20, LPS32 Printers Material Safety Data Sheet - MSDS

Laser Printer Cleaning Kit, Product Part Number LN03X-WG Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD003-AA-0000 ORDER NUMBER: EL-MD003-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Laser Printer Cleaning Kit Part Number(s): LN03X-WG Use: For Laser Printer Material Safety Data Sheet - MSDS

Waterless Hand Cleaner, Product Part Number: LN03X-WG Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD004-AA-0000 ORDER NUMBER: EL-MD004-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Waterless Hand Cleaner Part Number(s): LN03X-WG Use: Hand Cleaner Material Safety Data Sheet - MSDS

Table 3 (Cont.): Documents Sorted By Order Number

Plastic Cleaner, Product Part Number: LN03X-WG, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD005-AA-0000 ORDER NUMBER: EL-MD005-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Plastic Cleaner Part Number(s): LN03X-WG Use: For Laser Printer Material Safety Data Sheet - MSDS

Kit-Toner Cartridge, Part Number: LN03X-AC/TA, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD006-AA-0000 ORDER NUMBER: EL-MD006-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Kit-Toner Cartridge Part Number(s): LN03X-AC/TA Use: Image Transfer Media Material Safety Data Sheet - MSDS

Toner Cartridge, Product Part Number LN01X-AA, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD007-AA-0000 ORDER NUMBER: EL-MD007-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Toner Cartridge Part Number(s): LN01X-AA Use: Image Transfer Media Material Safety Data Sheet - MSDS

Ribbon Cartridge, Product Part Numbers: LQP02-KA, LQP01-KA, LQP02-KB Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD008-AA-0000 ORDER NUMBER: EL-MD008-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon Cartridge Part Number(s): LQP02-KA, LQP01-KA LQP02-KB Use: Printer Ribbon Material Safety Data Sheet - MSDS

Disk Drive Cleaning Fluid, Product Part Numbers RX02K-HC, RX50K-HC Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD009-AA-0000 ORDER NUMBER: EL-MD009-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Disk Drive Cleaning Fluid Part Number(s): RX02K-HC, RX50K-HC Use: Disk Drive Cleaner Material Safety Data Sheet - MSDS

Disk Drive Head Cleaning Kit, Product Part Number 22-00007 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD010-AA-0000 ORDER NUMBER: EL-MD010-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Disk Drive Head Cleaning Kit Part Number(s): 22-00007 Use: Disk Drive Cleaner Material Safety Data Sheet - MSDS

Table 3 (Cont.): Documents Sorted By Order Number

Head Cleaning Kit, TK50/TK70/TK30, Product Part Numbers TKXX-HC, TKXXR-HC, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD011-AA-0000 ORDER NUMBER: EL-MD011-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Head Cleaning Kit, TK50/TK70/TK30 Part Number(s): TKXX-HC, TKXXR-HC Use: To Clean TK50, TK70, TK30, and other Tape Head Assemblies. Material Safety Data Sheet - MSDS

Head Cleaning Cartridge Kit, Product Part Number TZK1X-HA Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD012-AA-0000 ORDER NUMBER: EL-MD012-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Head Cleaning Cartridge Kit Part Number(s): TZK1X-HA Use: Head Cleaner Material Safety Data Sheet - MSDS

Tape Drive Cleaning Kit, Product Part Numbers TUC01, TUC02 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD013-AA-0000 ORDER NUMBER: EL-MD013-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Tape Drive Cleaning Kit Part Number(s): TUC01, TUC02 Use: Tape Drive Cleaner Material Safety Data Sheet - MSDS

EP-S Cartridge (Black), Product Part Numbers LNXX-AC, 20-00580-01 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD014-AA-0000 ORDER NUMBER: EL-MD014-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: EP-S Cartridge (Black) Part Number(s): LNXX-AC, 20-00580-01 Use: Toner Cartridge Material Safety Data Sheet - MSDS

Cleaner, Fixing Roller, Product Part Numbers LNXX-AC, 20-00580-01 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD015-AA-0000 ORDER NUMBER: EL-MD015-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Cleaner, Fixing Roller Part Number(s): LNXX-AC, 20-00580-01 Use: Cleaner Pad Material Safety Data Sheet - MSDS

Coupling Gel, Product Part Number 80-6104-4809-6, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD016-AA-0000 ORDER NUMBER: EL-MD016-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Coupling Gel Part Number(s): 80-6104-4809-6 Use: Fiber Optic Splicing Material Safety Data Sheet - MSDS

Table 3 (Cont.): Documents Sorted By Order Number

Epoxy Resin Part A (White) For Consumable Kit Product Part Numbers - H8102-AB, H8102-AC Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD017-AA-0000 ORDER NUMBER: EL-MD017-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Epoxy Resin Part A (White) For Consumable Kit Part Number(s): H8102-AB, H8102-AC Use: Connecting Optic Cable Material Safety Data Sheet - MSDS

Epoxy Resin Part B (Amber) For Consumable Kit Product Part Numbers H8102-AB, H8102-AC Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD018-AA-0000 ORDER NUMBER: EL-MD018-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Epoxy Resin Part B (Amber) For Consumable Kit Part Number(s): H8102-AB, H8102-AC Use: Connecting Optic Cable Material Safety Data Sheet - MSDS

Maintenance Cartridge, Product Part Number LCGX1-JW Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD019-AA-0000 ORDER NUMBER: EL-MD019-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Maintenance Cartridge Part Number(s): LCGX1-JW Use: Equipment Maintenance Material Safety Data Sheet - MSDS

Screen Cleaner, Product Part Number VT3XX-SC - Material Safety Data sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD020-AA-0000 ORDER NUMBER: EL-MD020-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Screen Cleaner Part Number(s): VT3XX-SC Use: To Clean Computer Monitor Screens Material Safety Data Sheet - MSDS

Platen Cleaner, Product Part Number: PCXXA-PC, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD021-AA-0000 ORDER NUMBER: EL-MD021-AA
RELEASED REVISION AND DATE: A1, 08-May-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Platen Cleaner Part Number(s): PCXXA-PC Use: Printer Platen Cleaner Only Material Safety Data Sheet - MSDS

Ribbon, Product Part Numbers LA70R-01, LA70R-06, LA75R-KA Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD022-AA-0000 ORDER NUMBER: EL-MD022-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon Part Number(s): LA70R-01, LA70R-06, LA75R-KA Use: Printer Ribbon Material Safety Data Sheet - MSDS

Table 3 (Cont.): Documents Sorted By Order Number

Ribbon, Product Part Numbers LA36R-12, LAXXR-12, LXYXX-RB, LP25R-06, LP29R-03 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD023-AA-0000 ORDER NUMBER: EL-MD023-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon Part Number(s): LA36R-12, LAXXR-12, LXYXX-RB, LP25R-06, LP29R-03 Use: Printer Ribbon Material Safety Data Sheet - MSDS

Ribbon, Part Number(s): LP27R-01, LP29R-01, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD024-AA-0000 ORDER NUMBER: EL-MD024-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon Part Number(s): LP27R-01, LP29R-01 Use: Printer Ribbon Material Safety Data Sheet - MSDS

Ribbon (4 color), Product Part Number LA324 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD025-AA-0000 ORDER NUMBER: EL-MD025-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon (4 color) Part Number(s): LA324 Use: Printer Ribbon Material Safety Data Sheet - MSDS
DOCUMENT STATUS: Caution: Document change is in progress.

Ribbon (black), Product Part Number LA324 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD026-AA-0000 ORDER NUMBER: EL-MD026-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon (black) Part Number(s): LA324 Use: Printer Ribbon Material Safety Data Sheet - MSDS
DOCUMENT STATUS: Caution: Document change is in progress.

Ink Cartridge, Product Part Numbers LCGX1-JY, LCGX1-JM, LCGX1-JC, LCGX1-JB, LJ25X-AA, LJ25X-AB - Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD027-AA-0000 ORDER NUMBER: EL-MD027-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ink Cartridge Part Number(s): LCGX1-JY, LCGX1-JM, LCGX1-JC, LCGX1-JB, LJ25X-AA, LJ25X-AB Use: Printer Pen Material Safety Data Sheet - MSDS

Ribbon Cartridge, Product Part Numbers LA12R-06, LA34R-03, LQP03-KA, LGXXR-04 LA10R-06, LA50R-06 - Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD028-AA-0000 ORDER NUMBER: EL-MD028-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon Cartridge Part Number(s): LA12R-06, LA34R-03, LQP03-KA, LGXXR-04, LA10R-06, LA50R-06 Use: Printer Ribbon Material Safety Data Sheet - MSDS

Table 3 (Cont.): Documents Sorted By Order Number

Ink Pen, Product Part Numbers LVPXX-BA, Thru LVPXX-BF, LVPXX-BH, LVPXX-BJ Thru LVPXX-BN Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD029-AA-0000 ORDER NUMBER: EL-MD029-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ink Pen Part Number(s): LVPXX-BA thru LVPXX-BF; LVPXX-BH; LVPXX-BJ thru LVPXX-BN Use: Printer Pen Material Safety Data Sheet - MSDS

Disk Cleaning Fluid, Product Part Number: RCP03, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD030-AA-0000 ORDER NUMBER: EL-MD030-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Disk Cleaning Fluid Part Number(s): RCP03 Use: Disk Cleaner Material Safety Data Sheet - MSDS

Developer, Product Part Number: LPS4X-AB, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD031-AA-0000 ORDER NUMBER: EL-MD031-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Developer Part Number(s): LPS4X-AB Use: Developer For LPS40 Printer Material Safety Data Sheet - MSDS

Fuser Oil, Product Part Number: LPS4X-AC, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD032-AA-0000 ORDER NUMBER: EL-MD032-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Fuser Oil Part Number(s): LPS4X-AC Use: Fusing Oil For Laser Printer Material Safety Data Sheet - MSDS

Toner, Product Part Number: LPS4X-AA, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD033-AA-0000 ORDER NUMBER: EL-MD033-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Toner Part Number(s): LPS4X-AA Use: Image Transfer Media Material Safety Data Sheet - MSDS

Toner Cartridge, Product Part Number LN07X-AA - Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD034-AA-0000 ORDER NUMBER: EL-MD034-AA
RELEASED REVISION AND DATE: A, 04-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Toner Cartridge Part Number(s): LN07X-AA Use: Printer Material Safety Data Sheet - MSDS

Table 3 (Cont.): Documents Sorted By Order Number

Toner Cartridge, Product Part Number LN08X-AA/AC, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD035-AA-0000 ORDER NUMBER: EL-MD035-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Toner Cartridge Part Number(s): LN08X-AA/AC Use: Image Transfer Media Material Safety Data Sheet - MSDS

Photoreceptor Drum, Product Part Number LN08X-AB, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD036-AA-0000 ORDER NUMBER: EL-MD036-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Photoreceptor Drum Part Number(s): LN08X-AB Use: Image Transfer Device Material Safety Data Sheet - MSDS

Fuser Wick, Product Part Number LN08X-AB, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD037-AA-0000 ORDER NUMBER: EL-MD037-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Fuser Wick Part Number(s): LN08X-AB Use: For use with Image Transfer Device Material Safety Data Sheet - MSDS

Recycled Noryl, Product Part Number: 49-02308-01 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD038-AA-0000 ORDER NUMBER: EL-MD038-AA
RELEASED REVISION AND DATE: A, 05-Mar-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Recycled Noryl Part Number(s): 49-02308-01 Use: Recycled Raw Material Material Safety Data Sheet - MSDS

Cleaning Kit, Product Part Numbers LNXX-BA, PCXXA-AP, TUC03 Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD039-AA-0000 ORDER NUMBER: EL-MD039-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Cleaning Kit Part Number(s): LNXX-BA, PCXXA-AP, TUC03 Use: Cleaning kit Material Safety Data Sheet - MSDS

Ribbon (Black), Product Part Number LF01X-KA, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD040-AA-0000 ORDER NUMBER: EL-MD040-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon (black) Part Number(s): LF01X-KA Use: Printer Ribbon Material Safety Data Sheet - MSDS

Ribbon (Color), Product Part Numbers LF01X-KB/KC/KD, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD041-AA-0000 ORDER NUMBER: EL-MD041-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon (color) Part Number(s): LF01X-KB/KC/KD Use: Printer Ribbon Material Safety Data Sheet - MSDS

Table 3 (Cont.): Documents Sorted By Order Number

Ribbon, Product Part Number LA75R-KC, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD042-AA-0000 ORDER NUMBER: EL-MD042-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ribbon Part Number(s): LA75R-KC Use: Printer Ribbon Material Safety Data Sheet - MSDS

Ink Cartridge, Product Part Number LJ50X-AA, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD043-AA-0000 ORDER NUMBER: EL-MD043-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Ink Cartridge Part Number(s): LJ50X-AA Use: LJ16/LJ36 Printer Material Safety Data Sheet - MSDS

Fuser Wick, Product Part Number LN03X-AS, Material Safety Data Sheet (MSDS)

DOCUMENT NUMBER: A-SP-ELMD044-AA-0000 ORDER NUMBER: EL-MD044-AA
RELEASED REVISION AND DATE: A, 21-Apr-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: Product Name: Fuser Wick Part Number(s): LN03X-AS Use: For use with Image Transfer Device Material Safety Data Sheet - MSDS

Manufacturing Waiver Policy

DOCUMENT NUMBER: A-SP-ELMF005-00-0000 ORDER NUMBER: EL-MF005-00
RELEASED REVISION AND DATE: A, 20-Sep-1985
MANAGEMENT CATEGORY: Product Criteria/Waivers (TPW)
RESPONSIBLE PERSON: Donald Bourgault, U.S. Manufacturing Integrated Materials Business Center (USMIMBC)
ABSTRACT: This policy establishes the responsibilities necessary to prepare and control product and customer order waivers for manufacturing. Note: This waiver policy is in place to control exceptions to the normal process and shall only be used when necessary.
DOCUMENT STATUS: Caution: Document change is in progress.

Hardware Reliability Program

DOCUMENT NUMBER: A-MN-ELMF009-00-0000 ORDER NUMBER: EL-MF009-00
RELEASED REVISION AND DATE: B, 02-May-1983
MANAGEMENT CATEGORY: Reliability Testing (MQR)
RESPONSIBLE PERSON: Don Dawes, None/Unknown
ABSTRACT: Provides a description of eight concentrated management and technical tasks that will significantly contribute to achievement of high product reliability. The purpose and description of each task are presented. The rationale and guidance for actual implementation of each task are also provided. Proper selection of tasks, as well as scope and depth of task execution, can be tailored to suit the specific project/product goals and requirements.

Cost Center Managers Guide for Manufacturing Part Number System

DOCUMENT NUMBER: A-MN-ELMF012-05-USER ORDER NUMBER: EL-MF012-05-USER
RELEASED REVISION AND DATE: A, 02-Feb-1980
MANAGEMENT CATEGORY: Part and Documentation Identification (TSP)
RESPONSIBLE PERSON: Ed Tompkins, Terminals Manufacturing
ABSTRACT: Describes the procedure for the installation of the manufacturing part number system described in DEC STD 012, Section 5, in a manufacturing plant.

Table 3 (Cont.): Documents Sorted By Order Number

Advanced Rules Specifications (Blue Pages)

DOCUMENT NUMBER: A-SP-ELMF030-BP-0000 ORDER NUMBER: EL-MF030-BP
RELEASED REVISION AND DATE: E, 12-Jul-1991
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Charles T. Newall, Applied Module/PWB Technology Group (AMPT)
ABSTRACT: This document provides early planning and prediction information for upcoming improvements in Digital's module process. It also provides a means for feedback exchange and input to the DEC STD 030 committee.

Repairing Damaged Connector Blocks and Backplane Assemblies

DOCUMENT NUMBER: A-SP-ELMF034-00-0000 ORDER NUMBER: EL-MF034-00
RELEASED REVISION AND DATE: B, 09-Jun-1986
MANAGEMENT CATEGORY: Backplane and Wirewrap (MAB)
RESPONSIBLE PERSON: Jerry Benjamin, Manufacturing Engineering
ABSTRACT: This specification describes methods to repair damaged connector blocks. These repair procedures apply to connector blocks that have been damaged in the process of assembly [for example; after the wire-wrap process, or when the printed circuit board or groundplane has been soldered to the connector block assembly]. Connector blocks damaged prior to conditions of assembly must be replaced, not repaired.

Incoming Inspection Procedure of ESD Protective Packaging Material

DOCUMENT NUMBER: A-SP-ELMF067-00-0000 ORDER NUMBER: EL-MF067-00
RELEASED REVISION AND DATE: A, 09-May-1988
MANAGEMENT CATEGORY: Industrial Packaging (HPP)
RESPONSIBLE PERSON: Denis O'Sullivan, Design Evaluation Lab
ABSTRACT: This document defines the incoming inspection procedure for static control packing materials to ensure that they are within Digital's Electrostatic Discharge (ESD) purchase and performance specifications. The intent of this procedure is to identify static control materials that are not in compliance with purchasing specifications.

Point of Manufacture (POM) Communications and Operations Guide

DOCUMENT NUMBER: A-SP-ELMF072-00-0000 ORDER NUMBER: EL-MF072-00
RELEASED REVISION AND DATE: A, 15-Sep-1989
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Mike Cormier, Low End Systems Manufacturing and Mid-range Systems
ABSTRACT: This document should be used to facilitate the understanding of the POM Qualification process. This document supports DEC STD 072-0 POM [Point of Manufacture] Review Criteria. It answers questions that have been asked about POM communication and operational responsibilities.

Process and Technology Phase Review Workbook

DOCUMENT NUMBER: A-MN-ELMF084-00-0000 ORDER NUMBER: EL-MF084-00
RELEASED REVISION AND DATE: A, 16-Jan-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Mary Breslin, Technology Group
ABSTRACT: The documents in this Workbook provide descriptions, suggested content, and guidelines of the reports required for DEC STD 084-0 Process and Technology Phase Review Procedure phase activities and exit criteria.
DOCUMENT STATUS: Cannot be ordered separately. See A-DS-EL00084-00-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Printed-Wiring Board (PWB) Supplier Questionnaire

DOCUMENT NUMBER: A-SP-ELMF088-00-0000 ORDER NUMBER: EL-MF088-00
RELEASED REVISION AND DATE: B1, 04-Dec-1990
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerry Gagnon, PWB Group Quality
ABSTRACT: This questionnaire is used by the Digital Qualification Team to gather information used to qualify a potential printed-wiring board supplier.

Printed-Wiring Board Supplier Audit Checklist

DOCUMENT NUMBER: A-SP-ELMF088-01-0000 ORDER NUMBER: EL-MF088-01
RELEASED REVISION AND DATE: B, 09-Nov-1990
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerry Gagnon, PWB Group Quality
ABSTRACT: This audit procedure is used by the Digital Qualification Team to gather information for qualification of a potential printed-wiring board supplier.
DOCUMENT STATUS: Caution: Document change is in progress.

Destructive Testing Procedures and Microsectioning Guidelines for Printed-Wiring Boards (PWBs)

DOCUMENT NUMBER: A-SP-ELMF088-02-0000 ORDER NUMBER: EL-MF088-02
RELEASED REVISION AND DATE: A1, 04-Dec-1990
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: David Quaranta, Material and Technology Analysis Laboratory
ABSTRACT: This document establishes destructive testing procedures and microsectioning guidelines for facilities involved in inspection/testing of printed-wiring boards (PWBs) in accordance with DEC STD 088-0 Qualification Procedure for All Printed-Wiring Board Suppliers.

Laboratory Certification and Audit Procedures for Facilities that Inspect/Test Printed-Wiring Boards (PWBs)

DOCUMENT NUMBER: A-SP-ELMF088-03-0000 ORDER NUMBER: EL-MF088-03
RELEASED REVISION AND DATE: A1, 07-Dec-1990
MANAGEMENT CATEGORY: Product Performance Testing (HT)
RESPONSIBLE PERSON: Gerry Gagnon, PWB Group Quality
ABSTRACT: This specification establishes the procedures and certification requirements for facilities and the personnel involved in inspection and testing printed- wiring boards (PWBs) in accordance with DEC STD 088-0 Qualification Procedures for All Printed-Wiring Boards Suppliers.
DOCUMENT STATUS: Caution: Document change is in progress.

Applying and Handling High Bake Waterborne Coatings

DOCUMENT NUMBER: A-SP-ELMF092-00-0000 ORDER NUMBER: EL-MF092-00
RELEASED REVISION AND DATE: A, 24-Apr-1989
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Lab
ABSTRACT: This specification provides general information about waterborne paints for in-house application as an approved finish for Digital products. It defines the procedures, guidelines and safety precautions to be observed in the use of waterborne coatings.

Acceptance Stamp Control

DOCUMENT NUMBER: A-SP-ELMF096-00-0000 ORDER NUMBER: EL-MF096-00
RELEASED REVISION AND DATE: A, 30-May-1984
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification establishes policies and procedures for the control of Digital acceptance stamps.

Table 3 (Cont.): Documents Sorted By Order Number

Manufacturing Plant Documentation Central File (MPDCF) User's Guide

DOCUMENT NUMBER: A-MN-ELMF115-00-0000 ORDER NUMBER: EL-MF115-00
RELEASED REVISION AND DATE: A, 05-Feb-1988
MANAGEMENT CATEGORY: Manufacturing Documentation (TDM)
RESPONSIBLE PERSON: Chip McConney, Standards and Methods Control
ABSTRACT: This manual describes the procedures for using the Manufacturing Plant Documentation Central File (MPDCF). MPDCF is a central indexing system that provides corporate-wide awareness by identifying what plant-specific documentation exists at each manufacturing plant. MPDCF allows users to index, sort and generate reports consisting of their documentation information.

Facilitator's Manual for Manufacturing Plant Product Safety Training

DOCUMENT NUMBER: A-MN-ELMF119-01-0000 ORDER NUMBER: EL-MF119-01
RELEASED REVISION AND DATE: A, 29-Jun-1984
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This document is a tool for managing and implementing the Manufacturing Product Safety Training Program. It is not a stand-alone document, and must be used with the Manufacturing Plant Product Safety and Regulations Guide. The Manufacturing Product Safety Training program has two components; process and contents. This manual outlines the training process: the Guide provides the content.

Manufacturing Procedure for Production Testing of X-Radiation

DOCUMENT NUMBER: A-SP-ELMF119-02-0000 ORDER NUMBER: EL-MF119-02
RELEASED REVISION AND DATE: A1, 19-May-1989
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This document describes production test criteria needed to fulfill the X-ray approval stipulations. Legal and X-ray approval requirements, testing, record keeping, and reporting responsibilities, sampling, test conditions, and labeling requirements.

Manufacturing Plant Product Safety/Regulations Guide

DOCUMENT NUMBER: A-MN-ELMF119-UG-0000 ORDER NUMBER: EL-MF119-UG
RELEASED REVISION AND DATE: C1, 19-May-1989
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This document is a cross-reference tool on product safety topics and documents. While originally designed for use in the Manufacturing Product Safety Coordinator's Training Program, it can also stand alone.

Chromate Conversion Coating for Aluminum Alloys

DOCUMENT NUMBER: A-SP-ELMF170-00-0000 ORDER NUMBER: EL-MF170-00
RELEASED REVISION AND DATE: A, 14-Sep-1984
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Ilya Olshan, MCESS
ABSTRACT: This process describes the application of a chemical chromate coating on the surfaces of painted or unpainted aluminum alloys for increased corrosion protection and as a base for organic coatings and adhesives.

Table 3 (Cont.): Documents Sorted By Order Number

POM Labeling and Documentation Process Description

DOCUMENT NUMBER: A-SP-ELMF178-00-0000 ORDER NUMBER: EL-MF178-00
RELEASED REVISION AND DATE: A, 16-May-1983
MANAGEMENT CATEGORY: Manufacturing Documentation (TDM)
RESPONSIBLE PERSON: Leslie Smith, Manufacturing Operations
ABSTRACT: Specifies labeling and documentation procedures to be followed in facilities shipping through the POM (Point of Manufacturing) system.

Magnetic Tape Cleaning/Testing Procedure

DOCUMENT NUMBER: A-SP-ELMF184-00-0000 ORDER NUMBER: EL-MF184-00
RELEASED REVISION AND DATE: A, 27-Feb-1984
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Ray Corneau, Tapes Engineering Department
ABSTRACT: To provide a procedure for the cleaning and testing of 1/2-inch magnetic tape that will result in better control of the tape before use on the computer systems.

Component Categories and Codes for Machine- and Non-Machine Insertable Components

DOCUMENT NUMBER: A-SP-ELMF228-00-0000 ORDER NUMBER: EL-MF228-00
RELEASED REVISION AND DATE: C, 06-Mar-1992
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification defines categories for PWB-mounted components and the codes within those categories. The codes are intended to indicate the differentiation between parts that could be of significance to the module design and assembly process.

Suggested Guidelines for Modification, Rework and Repair of Printed Boards and Assemblies IPC-R-700C

DOCUMENT NUMBER: A-DG-ELMF265-00-0000 ORDER NUMBER: EL-MF265-00
RELEASED REVISION AND DATE: A, 23-Jul-1990
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Leo Lambert, Manufacturing Process Engineering - Technical Resources Group (MPE/TRG)
ABSTRACT: These guidelines for modifying and repairing printed circuit boards, modules, and printed board assemblies are prepared by the Product Assurance Committee of the IPC.

Solderless Crimped Terminations

DOCUMENT NUMBER: A-SP-ELMF267-00-0000 ORDER NUMBER: EL-MF267-00
RELEASED REVISION AND DATE: E, 27-Jul-1983
MANAGEMENT CATEGORY: Cables and Harnesses (MAC)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Provides general and specific criteria for the formation and testing of crimp (solderless) terminations. Includes a comprehensive description of crimp terminations, how to form them with hand tools or semi-automatic machinery, and how to test the resulting terminations for accuracy.

Test Specifications for Multiple Wires in a Single Crimp Connector

DOCUMENT NUMBER: A-SP-ELMF267-01-0000 ORDER NUMBER: EL-MF267-01
RELEASED REVISION AND DATE: A, 23-Jan-1984
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Bill Reardon, FEMG
ABSTRACT: Provides test procedures and data for testing multiple wires in a single crimp connector.

Table 3 (Cont.): Documents Sorted By Order Number

Riveting Procedures and Specifications for Blind Rivets

DOCUMENT NUMBER: A-SP-ELMF271-00-0000 ORDER NUMBER: EL-MF271-00
RELEASED REVISION AND DATE: A1, 28-Feb-1991
MANAGEMENT CATEGORY: Systems (MAI)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Outlines riveting criteria and procedures to be used by design engineering, manufacturing, and quality.

Electrical Safety Product Test Procedure

DOCUMENT NUMBER: A-SP-ELMF277-00-0000 ORDER NUMBER: EL-MF277-00
RELEASED REVISION AND DATE: H, 12-Jan-1990
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This document describes requirements and procedures for the ground continuity and dielectric withstand (hi-pot) tests.

Electrical Safety Product Test Procedure - Compliance Checklist

DOCUMENT NUMBER: A-SP-ELMF277-01-0000 ORDER NUMBER: EL-MF277-01
RELEASED REVISION AND DATE: A, 10-Jul-1989
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This procedure is used in support of EL-MF277-00, Electrical Safety Product Test Procedure, which details the broad expectations and requirements for all ground continuity and hi-pot testing within Digital.

Aqueous Cleaning System: Inspection Procedures

DOCUMENT NUMBER: A-SP-ELMF290-00-0000 ORDER NUMBER: EL-MF290-00
RELEASED REVISION AND DATE: A, 08-Jul-1986
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Leo Lambert, Computer Systems Manufacturing Engineering (CSME)
ABSTRACT: This specification provides electrical, mechanical, and plumbing checklists for on-line inspections of a Hydrokleen III Aqueous Detergent System, at both a vendor's facility and a Digital facility. It also provides checklists for inspecting a backplane aqueous system option. Procedures to determine if the system cleans modules in an acceptable manner are included.

Printed-Circuit Boards/Modules: Cleaning Process Contamination

DOCUMENT NUMBER: A-SP-ELMF299-00-0000 ORDER NUMBER: EL-MF299-00
RELEASED REVISION AND DATE: B, 03-Jan-1985
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Computer System Manufacturing Engineering (CSME)
ABSTRACT: This process control document defines the DIGITAL standard testing method for determining the detectable levels of surface ionics on bare and populated printed circuit boards using the solvent extract test. Also included in this document are procedures which will assist the manufacturing community in establishing safe limits of ionic contamination regardless of the process, equipment and chemistry employed.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

System Safety Grounding Procedure

DOCUMENT NUMBER: A-SP-ELMF300-00-0000 ORDER NUMBER: EL-MF300-00
RELEASED REVISION AND DATE: A1, 28-Feb-1991
MANAGEMENT CATEGORY: Systems (MAI)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Describes the methods used by the Technical Services for Manufacturing and Engineering (TME) Group to provide proper safety grounding for all system components cabinets.

FF303 In-Circuit Tester

DOCUMENT NUMBER: A-MN-ELMF303-OP-0000 ORDER NUMBER: EL-MF303-OP
RELEASED REVISION AND DATE: A, 28-May-1981
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Frank Lanza, Computer Systems Group Manufacturing Engineering (CSME)
ABSTRACT: Describes operating and maintenance procedure for the FF303 In-Circuit Tester.

FF303 In-Circuit Tester Out

DOCUMENT NUMBER: A-MN-ELMF303-RP-0000 ORDER NUMBER: EL-MF303-RP
RELEASED REVISION AND DATE: A, 31-Aug-1981
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Frank Lanza, Computer Systems Group Manufacturing Engineering (CSME)
ABSTRACT: Provides basic information and procedures to repair modules that have been found to be faulty by the FF303 In-Circuit Tester. It can be used as a training manual by supervisors and repair personnel.

Excellon MC-30 Assembler Reference Manual

DOCUMENT NUMBER: A-MN-ELMF304-00-0000 ORDER NUMBER: EL-MF304-00
RELEASED REVISION AND DATE: A, 26-Jan-1984
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Dick Crino, GIA Manufacturing and Engineering
ABSTRACT: This document is a reference manual to help the technician understand the MC-30, a programmable machine for the automatic placement of components on ceramic substrates and fiberglass-epoxy printed circuit boards. The manual includes a description of the MC-30 theory of operations, system functions, machine specifications, operating procedures, fabrication procedures, maintenance procedures, and a glossary of terms.

Component Legend Specification

DOCUMENT NUMBER: A-SP-ELMF306-00-0000 ORDER NUMBER: EL-MF306-00
RELEASED REVISION AND DATE: A, 09-Sep-1983
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: W.Biloz, Unknown
ABSTRACT: This specification covers nomenclature requirements for modules and backplanes.

Digital Module Process Handbook - Introduction and General Information

DOCUMENT NUMBER: A-MN-ELMF308-00-0000 ORDER NUMBER: EL-MF308-00
RELEASED REVISION AND DATE: A, 26-Feb-1980
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: S.Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: A reference handbook for Manufacturing process engineers. Contains detailed information required to set up, expand, operate and maintain the standard module process. Includes the following sections: Section 1: Component Preparation and Machine Insertion, Section 2: Hand Assembly, ECO and Retrofit, Section 3: Wave Solder, Cleaning and Touch-up, Section 4: Final Assembly, shearing and Marking, Section 5: Automatic Inspection, Section 6: Module Test.

Table 3 (Cont.): Documents Sorted By Order Number

Digital Module Assembly Process Handbook - Component Preparation and Machine Insertion

DOCUMENT NUMBER: A-MN-ELMF308-01-0000 ORDER NUMBER: EL-MF308-01
RELEASED REVISION AND DATE: A, 26-Feb-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Comp.Systems Manuf.Eng.
ABSTRACT: Describes machine and facilities used to perform component preparation and machine insertion operations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF308-00-0000.

Digital Module Process Handbook - Hand Assembly, ECO, and Retrofit

DOCUMENT NUMBER: A-MN-ELMF308-02-0000 ORDER NUMBER: EL-MF308-02
RELEASED REVISION AND DATE: A, 26-Feb-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Computer Systems Manufacturing Engineering (CSME)
ABSTRACT: describes facilities, materials and tools required to perform hand assembly, ECO, and retrofit operations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF308-00-0000.

Digital Module Assembly Process Handbook - Wave Solder, Cleaning, and Touch-up

DOCUMENT NUMBER: A-MN-ELMF308-03-0000 ORDER NUMBER: EL-MF308-03
RELEASED REVISION AND DATE: A, 26-Feb-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Computer Systems Manufacturing Engineering
ABSTRACT: Describes machines and facilities used to perform wave soldering, cleaning, and touch-up operations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF308-00-0000.

Digital Module Assembly Process Handbook - Final Assembly, Shearing, and Marking

DOCUMENT NUMBER: A-MN-ELMF308-04-0000 ORDER NUMBER: EL-MF308-04
RELEASED REVISION AND DATE: A, 26-Feb-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Computer Systems Manufacturing Engineering
ABSTRACT: Describes machines and facilities used to perform final assembly, shearing, and marking operations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF308-00-0000.

Digital Module Assembly Process Handbook - Automatic Inspection

DOCUMENT NUMBER: A-MN-ELMF308-05-0000 ORDER NUMBER: EL-MF308-05
RELEASED REVISION AND DATE: A, 26-Feb-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Comp.Systems Manuf.Eng.
ABSTRACT: Describes machines and facilities used to perform inspection operations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF308-00-0000.

Digital Module Process Handbook - Module Test

DOCUMENT NUMBER: A-MN-ELMF308-06-0000 ORDER NUMBER: EL-MF308-06
RELEASED REVISION AND DATE: A, 26-Feb-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Comp.Systems Manuf.Eng.
ABSTRACT: Describes machines and facilities used to perform module test operations.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF308-00-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Digital Module Process - Module Manufacturing Business Model

DOCUMENT NUMBER: A-MN-ELMF308-08-0000 ORDER NUMBER: EL-MF308-08
RELEASED REVISION AND DATE: A, 30-Jul-1986
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Richard Grote, Assembly Systems Engineering
ABSTRACT: The Module Manufacturing Business Model is a tool to be used by stage 1 (module) manufacturing plants as a generic, baseline reference in the measurement, evaluation, operation, and planning functions associated with their businesses.

J–11 Hybrid Process Book

DOCUMENT NUMBER: A-MN-ELMF310-00-0000 ORDER NUMBER: EL-MF310-00
RELEASED REVISION AND DATE: C, 16-Jul-1985
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Stephen Bosworth, Caribbean Group
ABSTRACT: This manual is for operators who inspect, assemble, and test J–11 hybrids. It also lists the required equipment, material, and related documentation needed for each step in the hybrid process.

Manufacturing Acceptance Specification

DOCUMENT NUMBER: A-SP-ELMF311-00-0000 ORDER NUMBER: EL-MF311-00
RELEASED REVISION AND DATE: A, 23-Apr-1984
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Bruce Klein, Assembly Systems Information
ABSTRACT: This specification establishes the minimum documentation and information that a project team, which is responsible for the design and implementation of new process technology, would be required to deliver, prior to manufacturing assuming acceptance and ownership of the new process. It covers the requirements for release prior to acceptance by manufacturing in the areas of equipment, documentation, process flow and process capability.

Fluke Model 3200A Prescreen Process - General Specification

DOCUMENT NUMBER: A-SP-ELMF320-00-0000 ORDER NUMBER: EL-MF320-00
RELEASED REVISION AND DATE: A, 30-Jun-1984
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Steve Hayes, CSME/Test Development
ABSTRACT: This document provides all the information necessary for plants/groups to purchase and use the Fluke 3200A Circuit Board Analyzer.

Special Diagnostic Procedures for Fluke Model 3200A

DOCUMENT NUMBER: A-SP-ELMF320-01-0000 ORDER NUMBER: EL-MF320-01
RELEASED REVISION AND DATE: A, 30-Jun-1984
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Steve Hayes, CSME/Test Development
ABSTRACT: This document provides general information necessary for plants/groups to perform special diagnostic tests on the Fluke 3200A Circuit Board Analyzer.

Capacity Model/ROI Analysis Guidelines for Fluke Model 3200A

DOCUMENT NUMBER: A-SP-ELMF320-02-0000 ORDER NUMBER: EL-MF320-02
RELEASED REVISION AND DATE: A, 30-May-1984
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Steve Hayes, CSME/Test Development
ABSTRACT: Provides Digital plants and groups with general information about standard test costs, capacity, and simple ROI for the Fluke Model 3200A Circuit Board Analyzer.

Table 3 (Cont.): Documents Sorted By Order Number

Engineering Specification - General Torque Requirements

DOCUMENT NUMBER: A-SP-ELMF328-00-0000 ORDER NUMBER: EL-MF328-00
RELEASED REVISION AND DATE: A, 28-Feb-1991
MANAGEMENT CATEGORY: Systems (MAI)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document specifies torque values for nylon, brass, aluminum, and steel screws.
DOCUMENT STATUS: Caution: Document change is in progress.

Guideline for Internal Product Quality Agreement

DOCUMENT NUMBER: A-SP-ELMF329-00-0000 ORDER NUMBER: EL-MF329-00
RELEASED REVISION AND DATE: C, 28-Feb-1984
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Ron Belanger, Quality Board of Directors
ABSTRACT: This guideline is intended to provide a base quality agreement to be used between manufacturing and their internal Digital customers. The purpose of a quality agreement is to define, in one document, the expectations and commitments between producer and customers on issues concerning the quality and reliability of a product.

Cable and Harness Identification Labels: Criteria and Application Methods

DOCUMENT NUMBER: A-SP-ELMF343-00-0000 ORDER NUMBER: EL-MF343-00
RELEASED REVISION AND DATE: A, 23-May-1986
MANAGEMENT CATEGORY: Cables and Harnesses (MAC)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification states the requirements and application methods for cable and harness identification labels.

Vendor Quality Program Process Phases for Ship-to-stock Implementation

DOCUMENT NUMBER: A-SP-ELMF346-00-0000 ORDER NUMBER: EL-MF346-00
RELEASED REVISION AND DATE: C, 20-Oct-1986
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Joseph Belliveau, External Resources Management
ABSTRACT: Describes the ship-to-stock program to ensure adequate process controls and proper communication between vendors and Digital Equipment Corporation.

Ship-to-Stock Supplier Qualification Program - Audit Guideline for Plant Quality Engineer

DOCUMENT NUMBER: A-SP-ELMF347-00-0000 ORDER NUMBER: EL-MF347-00
RELEASED REVISION AND DATE: A1, 10-Feb-1986
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Joseph Belliveau, CSM Materials Engineering
ABSTRACT: This document is to aid the Plan Quality Engineer (PQE) in developing audit criteria to support the Digital Ship-To-Stock Supplier Qualification Program. The checklists provided are not intended to be all-inclusive. The PQE or audit team may add items to individual checklists or develop new checklists for specific vendors.

Ship-to-stock Supplier Qualification Program Basic Agreement and Release Procedure

DOCUMENT NUMBER: A-SP-ELMF348-00-0000 ORDER NUMBER: EL-MF348-00
RELEASED REVISION AND DATE: B, 10-Feb-1986
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Joseph Belliveau, CSM Materials Engineering
ABSTRACT: Describes the Ship-to-Stock Supplier Qualification Program Basic Agreement and Release Procedure.

Table 3 (Cont.): Documents Sorted By Order Number

Mark V Hydraulic Power Shear: Component Parts, Spare Parts and Acceptance Procedure

DOCUMENT NUMBER: A-SP-ELMF351-00-0000 ORDER NUMBER: EL-MF351-00
RELEASED REVISION AND DATE: A, 30-Sep-1983
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Computer Sys.Mfg.Eng.(CSME)
ABSTRACT: Specification assists Digital personnel in the purchase and acceptance of the Mark V Hydraulic Power Shear. It contains a list of the component parts of the system, a list of the recommended spare parts, and an acceptance checklist.

Mark V Hydraulic Power Shear - Maintenance and Calibration Procedure

DOCUMENT NUMBER: A-SP-ELMF351-01-0000 ORDER NUMBER: EL-MF351-01
RELEASED REVISION AND DATE: B, 26-Sep-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification contains a detailed calibration and maintenance procedure for the Mark V Hydraulic Shear.

Manufacturing Systems Program Manager (MSPM) Guide

DOCUMENT NUMBER: A-DG-ELMF356-00-0000 ORDER NUMBER: EL-MF356-00
RELEASED REVISION AND DATE: A, 16-Jan-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: John LaBate, High Performance Systems Manufacturing
ABSTRACT: The purpose of this document is to help a Manufacturing Systems Program Manager (MSPM) pin-point major activities required, in each phase, to manage a product through its life cycle.

Manufacturing Finance Phase Review Guidelines

DOCUMENT NUMBER: A-DG-ELMF356-01-0000 ORDER NUMBER: EL-MF356-01
RELEASED REVISION AND DATE: A, 15-May-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Cynthia Dolphin, High Performance Systems Manufacturing
ABSTRACT: These guidelines list the Manufacturing Finance deliverables required of Manufacturing Finance during each phase of a product's life cycle, as defined by the Corporate Phase Review Process Guide.

Manufacturing Order Administration Phase Review Process Guidelines

DOCUMENT NUMBER: A-DG-ELMF356-05-0000 ORDER NUMBER: EL-MF356-05
RELEASED REVISION AND DATE: A, 01-Feb-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Jeff Robie, U.S. Manufacturing Header New Products Group
ABSTRACT: These guidelines are followed by Manufacturing Order Administration to insure successful First Customer Ship of a new product. The U.S. Manufacturing New Products Order Administration group is responsible for the introduction of new products from a systemic and administrative perspective, beginning in the Phase 0 time frame. These deliverables are achieved in partnership with the appropriate MBU and PBU; successful product launch is a complex, cross-functional goal.

Table 3 (Cont.): Documents Sorted By Order Number

Customer Satisfaction/Quality Phase Review Guidelines

DOCUMENT NUMBER: A-MN-ELMF356-06-0000 ORDER NUMBER: EL-MF356-06
RELEASED REVISION AND DATE: A, 11-Nov-1988
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: Steve Agraz, Small Systems Manufacturing Quality
ABSTRACT: Presents the requirements of the Manufacturing Customer Satisfaction/Quality organization during the New Product Introduction process. It provides a common set of planning, measurement, and implementation tools for use by the Manufacturing New Product Quality manager/engineer and the Manufacturing Plant New Product Quality manager/engineer.

Phase Review Production Guidelines

DOCUMENT NUMBER: A-DG-ELMF356-07-0000 ORDER NUMBER: EL-MF356-07
RELEASED REVISION AND DATE: A, 16-Jan-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: John LaBate, High Performance Systems Manufacturing
ABSTRACT: These guidelines are intended to help the production person that has been assigned to a new product start-up team.

Materials Engineering Domain Phase Review Guidelines

DOCUMENT NUMBER: A-MN-ELMF356-08-0000 ORDER NUMBER: EL-MF356-08
RELEASED REVISION AND DATE: A, 19-Aug-1988
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: Joseph Blazejewski, Materials Engineering
ABSTRACT: This document presents management guidelines that describe deliverables, assumptions, and dependencies used in supporting products from development through retirement.

Etch Repair Procedures

DOCUMENT NUMBER: A-SP-ELMF362-00-0000 ORDER NUMBER: EL-MF362-00
RELEASED REVISION AND DATE: B, 30-Mar-1984
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document describes procedures for repairing modules with damage to etch lines, hole pads, and interlayer connections at plated-through holes. The repair material is Kovar ribbon and copper foil. Hughes Circuit Board Repair Stations are used to weld or bond these materials into position.

Solderability Specification for Process Printed-Wiring Modules and Plated-Through Holes

DOCUMENT NUMBER: A-SP-ELMF376-00-0000 ORDER NUMBER: EL-MF376-00
RELEASED REVISION AND DATE: C, 29-Jun-1990
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Leo Lambert, Technical Resource Group (TRG)
ABSTRACT: This document specifies a standard test method to be used to determine the solderability of printed-wiring modules that are to be soldered by vapor phase reflow soldering, infrared reflow soldering, thermode reflow soldering, hot gas reflow soldering, laser reflow soldering and/or other machine methods suitable for surface mountable devices.

HydroKleen Model 85 Aqueous Cleaning System: Component Parts and Acceptance Procedure

DOCUMENT NUMBER: A-SP-ELMF380-00-0000 ORDER NUMBER: EL-MF380-00
RELEASED REVISION AND DATE: A, 09-Jan-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Dick Wilson, Computer Systems Engineering
ABSTRACT: This specification is designed to assist Digital personnel in the purchase and acceptance of the HydroKleen Model 85 Aqueous Cleaning System.

Table 3 (Cont.): Documents Sorted By Order Number

Termination Procedure for Digital Fiber Optic Cable (17-00333-00), Using SMA Style, Connectors

DOCUMENT NUMBER: A-SP-ELMF388-00-0000 ORDER NUMBER: EL-MF388-00
RELEASED REVISION AND DATE: A, 01-Nov-1983
MANAGEMENT CATEGORY: Cables and Harnesses (MAC)
RESPONSIBLE PERSON: Jim Pazaris, Computer Systems Manufacturing Engineering (CSME)
ABSTRACT: Describes procedures for terminating Amphenol type 906 SMLE connectors with Digital round design fiber optic cable. Refer to A-PS-17-00033-00, Cable, Fiber Optic, Two Channel.

Fiber Optic Cable - Inspection Criteria End Fiber Finish Workmanship

DOCUMENT NUMBER: A-SP-ELMF388-01-0000 ORDER NUMBER: EL-MF388-01
RELEASED REVISION AND DATE: A, 01-Nov-1983
MANAGEMENT CATEGORY: Cables and Harnesses (MAC)
RESPONSIBLE PERSON: Jim Pazaris, Computer Sys.Mfg.Eng.(CSME)
ABSTRACT: Half-tone photos showing Poor, Fair, and Good fiber optic cable workmanship.

De Haart AOL-15SE Screen Printer Reference Manual

DOCUMENT NUMBER: A-MN-ELMF389-00-0000 ORDER NUMBER: EL-MF389-00
RELEASED REVISION AND DATE: C, 17-Jun-1985
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Steve Bosworth, Caribbean Group
ABSTRACT: This document describes the operating and maintenance procedures for the de Haart AOL-15SE (shuttle with electronic logic) screen printer. The manual contains a description of the printer, its controls and indicators, adjustments, the setup required before printing, and the printing procedure.

Genrad GR2272 In-Circuit Tester - Software Tools

DOCUMENT NUMBER: A-SP-ELMF390-00-0000 ORDER NUMBER: EL-MF390-00
RELEASED REVISION AND DATE: A, 18-Jan-1984
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Walter Carlson, Storage Systems
ABSTRACT: This specification describes software tools currently available for generating the following parts of GR2272 test package: a] test fixture b] test program c] test pattern

Gbs Mark Ii Solder Wave Maintenance Procedure

DOCUMENT NUMBER: A-MN-ELMF393-00-0000 ORDER NUMBER: EL-MF393-00
RELEASED REVISION AND DATE: B, 07-Jun-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Computer Sys.Mfg.Eng.(CSME)
ABSTRACT: This specification is intended to assist Digital personnel in the daily, weekly, and monthly preventive maintenance of the GBS Mark II Solder Wave System.

Gbs Mark Ii Wave Solder System - Component Parts, Spare Parts, and Acceptance Procedure

DOCUMENT NUMBER: A-MN-ELMF393-01-0000 ORDER NUMBER: EL-MF393-01
RELEASED REVISION AND DATE: B, 07-Jun-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Computer Sys.Mfg.Eng.(CSME)
ABSTRACT: This specification is designed to assist Digital Personnel in the purchase and acceptance of the GBS Mark II Wave Solder System. It contains a list of the component parts of the system, a list of recommended spare parts, and an acceptance checklist.

Table 3 (Cont.): Documents Sorted By Order Number

Gbs Mark Ii Wave Solder System - Installation and Initial Start-up Procedure

DOCUMENT NUMBER: A-MN-ELMF393-02-0000 ORDER NUMBER: EL-MF393-02
RELEASED REVISION AND DATE: B, 07-Jun-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Computer Sys.Mfg.Eng.(CSME)
ABSTRACT: This specification is designed to assist Digital personnel in the installation and initial start-up of the GBS Mark II Wave Solder System. It lists required installation materials and details a step-by-step procedure for equipment installation and initial start-up.

GBS Mark II Wave Solder System Operator's Manual

DOCUMENT NUMBER: A-MN-ELMF393-03-0000 ORDER NUMBER: EL-MF393-03
RELEASED REVISION AND DATE: A, 09-Aug-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Dave Gorey, Assembly Systems Engineering
ABSTRACT: This manual provides instructions for operating the GBS Mark II Wave Solder System.

12-Layer TTL Memory Backplane Layup Specification

DOCUMENT NUMBER: A-SP-ELMF394-00-0000 ORDER NUMBER: EL-MF394-00
RELEASED REVISION AND DATE: B, 16-Aug-1985
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Engineering Technology Group
ABSTRACT: This specification provides the requirements for the 12-layer controlled impedance backplane.

12-layer TTL Memory 5-Slot Backplane Layup Specification

DOCUMENT NUMBER: A-SP-ELMF394-01-0000 ORDER NUMBER: EL-MF394-01
RELEASED REVISION AND DATE: A, 16-Mar-1988
MANAGEMENT CATEGORY: Backplane and Wirewrap (MAB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Engineering Technology Group
ABSTRACT: This specification provides the requirements for the 12-layer controlled impedance 5-slot backplane.

18-Layer CPU Backplane Specification

DOCUMENT NUMBER: A-SP-ELMF395-00-0000 ORDER NUMBER: EL-MF395-00
RELEASED REVISION AND DATE: A, 01-Mar-1985
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Eng.Techn.Group
ABSTRACT: This specification provides the requirements for the 18-layer controlled impedance backplane.

9-Layer CPU Module Layup Specification

DOCUMENT NUMBER: A-SP-ELMF397-00-0000 ORDER NUMBER: EL-MF397-00
RELEASED REVISION AND DATE: A, 01-Mar-1985
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Eng.Techn.Group
ABSTRACT: This specification provides the requirements for the 9-layer controlled impedance module.

Table 3 (Cont.): Documents Sorted By Order Number

8-Layer TTL Memory Layup Specification

DOCUMENT NUMBER: A-SP-ELMF398-00-0000 ORDER NUMBER: EL-MF398-00
RELEASED REVISION AND DATE: A, 01-Mar-1985
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Eng.Techn.Group
ABSTRACT: This specification provides the requirements for the 8 - layer controlled impedance module.

Satellite Single Head VCD Insertion Machine - Model 6285 Component Parts, Spare Parts, and Acceptance Procedure

DOCUMENT NUMBER: A-SP-ELMF399-00-0000 ORDER NUMBER: EL-MF399-00
RELEASED REVISION AND DATE: A, 30-Jan-1984
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Provides a list of the component parts of the system, a list of recommended spare parts, and acceptance checklists.

Clean Room Operating Specification

DOCUMENT NUMBER: A-SP-ELMF404-00-0000 ORDER NUMBER: EL-MF404-00
RELEASED REVISION AND DATE: A, 25-Jul-1984
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: James Cost, PWB Applied Technology
ABSTRACT: This specification establishes the requirements, practices, restrictions, and associated responsibilities for the use and maintenance of Clean Rooms.

Awareness and Prevention of Electrostatic Discharge

DOCUMENT NUMBER: A-MN-ELMF409-00-0000 ORDER NUMBER: EL-MF409-00
RELEASED REVISION AND DATE: B, 23-Oct-1984
MANAGEMENT CATEGORY: Component Handling (MCC)
RESPONSIBLE PERSON: Jack Kane, Assembly Systems Engineerng
ABSTRACT: This report is an overview of ESD (electrostatic discharge). It includes the principles of static electricity, a discussion of the susceptibility of components to ESD, and ESD protection techniques.

Conformal Coating for Printed Circuit Assemblies A005, A007, and A150

DOCUMENT NUMBER: A-SP-ELMF410-00-0000 ORDER NUMBER: EL-MF410-00
RELEASED REVISION AND DATE: A, 03-Jan-1984
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Eke Okeke, Mechanical Tech
ABSTRACT: This specification describes a coating that provides a uniform protective film around a circuit board and its components to provide protection from moisture, fungus, dust, and similar contaminants present in the environment.

Hart (Hot Air Repair Terminal) 100 Rework System Operational Procedure

DOCUMENT NUMBER: A-SP-ELMF412-00-0000 ORDER NUMBER: EL-MF412-00
RELEASED REVISION AND DATE: A, 30-May-1984
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steven Daniel, Computer System Manufacturing Engineering (CSME)
ABSTRACT: Defines operational procedures for the HART 100 Rework System used in the removal of Dual In-line Packs (DIPs), Single In-line Packs (SIPs), sockets, and connectors during module rework. Includes sections on equipment and materials, how the system works, personal safety and maintenance.

Table 3 (Cont.): Documents Sorted By Order Number

Logpoint Operator's Manual

DOCUMENT NUMBER: A-MN-ELMF413-00-0000 ORDER NUMBER: EL-MF413-00
RELEASED REVISION AND DATE: A, 04-May-1984
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This operator's manual describes the operating procedures for the Logpoint Guiding System used in the manufacturing assembly process.

Procurement Specification for the Logpoint Semi-automatic Hand Assembly System

DOCUMENT NUMBER: A-SP-ELMF413-01-0000 ORDER NUMBER: EL-MF413-01
RELEASED REVISION AND DATE: A, 15-Feb-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Debbie Kimball, Computer Systems Manufacturing Engineering
ABSTRACT: This specification is designed to aid Digital personnel in the purchase of a Logpoint System.

Manufacturing Subcontracts Management Policy

DOCUMENT NUMBER: A-SP-ELMF416-00-0000 ORDER NUMBER: EL-MF416-00
RELEASED REVISION AND DATE: B, 14-Apr-1989
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This policy states the general requirements for Digital Equipment Corporation subcontracting, and lists the different operational functions and responsibilities impacting the subcontract decision.

Surface Mount Technology Reference Manual - 2 Volume Set

DOCUMENT NUMBER: A-MN-ELMF417-01-0000 ORDER NUMBER: EL-MF417-01
RELEASED REVISION AND DATE: E, 16-Jan-1989
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: George Meade, Program Technology Office(PTO)
ABSTRACT: Volume One of the Surface Mount Manual contains general information on the Surface Mount Technology (SMT) process. It includes an introduction to the SMT process; equipment specifications; process materials information; and health, safety, and environmental considerations. This volume is intended as an overview to the SMT process for management and other non-engineering personnel. Volume Two of this 2-volume set contains technical SMT information.

Surface Mount Technology Reference Manual - Volume 2

DOCUMENT NUMBER: A-MN-ELMF417-02-0000 ORDER NUMBER: EL-MF417-02
RELEASED REVISION AND DATE: E, 16-Jan-1989
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: George Meade, Program Technology Office (PTO)
ABSTRACT: This volume of the Surface Mount Manual contains specific information on the Surface Mount Technology (SMT) process. It contains information required to operate and maintain a SMT process, including equipment operation and maintenance procedures, process control, quality control, and reliability information.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF417-01-0000.

Table 3 (Cont.): Documents Sorted By Order Number

Mover Interface Specification

DOCUMENT NUMBER: A-SP-ELMF420-00-0000 ORDER NUMBER: EL-MF420-00
RELEASED REVISION AND DATE: A, 11-Oct-1985
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Melissa Dudley, Manufacturing Engineering Information
ABSTRACT: This document proposes a technical description of an interface between an automated system to store and transport unit loads of material, the MOVER, and the other computerized subsystems that are required to effect total factory floor automation.

Satellite Single Head VCD Insertion Machine - Model 6287 Component Parts, Spare Parts, and Acceptance Procedure

DOCUMENT NUMBER: A-SP-ELMF421-00-0000 ORDER NUMBER: EL-MF421-00
RELEASED REVISION AND DATE: A, 06-Aug-1984
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Provides a list of the component parts of the system, a list of recommended spare parts, and acceptance checklists.

Automated Etch Cutter Operator's Manual

DOCUMENT NUMBER: A-MN-ELMF422-00-0000 ORDER NUMBER: EL-MF422-00
RELEASED REVISION AND DATE: A, 11-Jan-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Defines the operating procedures for the automated Etch Cutter.

Hollis Polyclean II Maintenance Procedure

DOCUMENT NUMBER: A-SP-ELMF423-00-0000 ORDER NUMBER: EL-MF423-00
RELEASED REVISION AND DATE: A, 11-Mar-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Dick Wilson, Computer System Manufacturing Engineering (CSME)
ABSTRACT: This document provides a procedure for the maintenance and troubleshooting of the Hollis Polyclean II Aqueous Cleaner. It contains information about the proper care of the cleaner and is written in four sections: preventive maintenance, corrective maintenance, troubleshooting, and optional features.

Installation and Operating Procedure for the Hollis Polyclean II Aqueous Cleaner

DOCUMENT NUMBER: A-SP-ELMF423-01-0000 ORDER NUMBER: EL-MF423-01
RELEASED REVISION AND DATE: A, 11-Mar-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Dick Wilson, Computer System Manufacturing Engineering (CSME)
ABSTRACT: The purpose of this procedure is to aid Digital personnel in the installation and operation of the Hollis Polyclean II Aqueous Cleaner.

Hollis Polyclean II Acceptance Procedure

DOCUMENT NUMBER: A-SP-ELMF423-02-0000 ORDER NUMBER: EL-MF423-02
RELEASED REVISION AND DATE: A, 11-Mar-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Dick Wilson, Computer System Manufacturing Engineering (CSME)
ABSTRACT: This specification is designed to assist Digital personnel in the acceptance of the Hollis Polyclean II Aqueous Cleaner.

Table 3 (Cont.): Documents Sorted By Order Number

Procedures for Consolidating Packaged Products for Domestic and/or International Shipment

DOCUMENT NUMBER: A-MN-ELMF425-00-0000 ORDER NUMBER: EL-MF425-00
RELEASED REVISION AND DATE: B, 29-Jun-1990
MANAGEMENT CATEGORY: Industrial Packaging (HPP)
RESPONSIBLE PERSON: Norman Burke, Industrial Package Engineering (IPE)
ABSTRACT: This document describes the procedures that shall be used to prepare Digital products for international shipment. It provides the general precautions to observe when international shipment is required, describes what packaging methods should be used, and explains how to consolidate, pack, containerize, mark and label, and how to block and brace Digital products and supplies for shipment. It also contains export documentation data. Additional information is available in sections 0 and 1 of DEC STD 045 and sections 0 and 1 of DEC STD 043.

Satellite 2596 Rotary Component Sequencing System (Expandable)

DOCUMENT NUMBER: A-SP-ELMF427-00-0000 ORDER NUMBER: EL-MF427-00
RELEASED REVISION AND DATE: A, 30-Jul-1984
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Provides a list of the component parts, a list of recommended spare parts and an acceptance checklist.

High Speed Multi-Mod II Dip Inserter - Component Parts, Spare Parts, and Acceptance Procedure

DOCUMENT NUMBER: A-SP-ELMF430-00-0000 ORDER NUMBER: EL-MF430-00
RELEASED REVISION AND DATE: A, 16-Jul-1984
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification is designed to assist Digital personnel in the purchase and acceptance of the Multi-MOD II DIP Insertion Machine. It contains a list of the component parts of the system, a list of recommended spare parts, and an acceptance checklist.

External Boards Business Operations Manual Introduction

DOCUMENT NUMBER: A-MN-ELMF431-00-0000 ORDER NUMBER: EL-MF431-00
RELEASED REVISION AND DATE: B, 01-Aug-1986
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Ron Walsh, External Boards Business
ABSTRACT: This manual describes the policies and operating procedures of Engineering Services, Material, Purchasing, and Quality Departments and Tool Generation Services of the External Boards Business (EBB) to guarantee Digital Equipment Corporation customers 100% good quality in form, fit, and function.

External Boards Business Operations - New Products Engineering

DOCUMENT NUMBER: A-MN-ELMF431-01-0000 ORDER NUMBER: EL-MF431-01
RELEASED REVISION AND DATE: C, 27-Feb-1989
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Mark Judson-Ebbets, EBB New Products Engineering
ABSTRACT: This section of the EBB Operations Manual describes the activities and procedures of the New Products Engineering (NPE) group.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF431-00-0000.

Table 3 (Cont.): Documents Sorted By Order Number

External Boards Business Operations Manual - Material Department

DOCUMENT NUMBER: A-MN-ELMF431-02-0000 ORDER NUMBER: EL-MF431-02
RELEASED REVISION AND DATE: B, 01-Aug-1986
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Ron Walsh, EBB Material Department
ABSTRACT: This section of the External Boards Business manual describes the Material Department's operating procedures and documents the department's functional activities.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF431-00-0000.

External Boards Business Operations Manual Purchasing Department

DOCUMENT NUMBER: A-MN-ELMF431-03-0000 ORDER NUMBER: EL-MF431-03
RELEASED REVISION AND DATE: B, 01-Aug-1986
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Linda Cunningham, EBB Purchasing
ABSTRACT: This section of the External Boards Business (EBB) Operations Manual describes the policies and operating procedures of the EBB Purchasing Department in the procurement of printed-wire boards (PWBs) for Digital Equipment Corporation.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF431-00-0000.

External Boards Business Operations Manual - Quality Function

DOCUMENT NUMBER: A-MN-ELMF431-04-0000 ORDER NUMBER: EL-MF431-04
RELEASED REVISION AND DATE: B, 12-Jun-1986
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Steve Schultz, External Boards Business
ABSTRACT: This manual describes the policies and operating procedures of the External Boards Business (EBB) Quality department to guarantee Digital Equipment Corporation customers acceptable quality.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF431-00-0000.

External Boards Business Operations Manual - Tool Generation Services

DOCUMENT NUMBER: A-MN-ELMF431-05-0000 ORDER NUMBER: EL-MF431-05
RELEASED REVISION AND DATE: B, 31-Mar-1987
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Randy Caswell, EBB Tool Generation Services
ABSTRACT: This section of the External Boards Business (EBB) Operations Manual establishes procedures to guarantee Digital Equipment Corporation customers 100% good quality in form, fit, and function for printed-wiring board (PWB) applications.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMF431-00-0000.

Hart (Hot Air Repair Terminal) 200 and 200-A Operational Procedure

DOCUMENT NUMBER: A-MN-ELMF434-00-0000 ORDER NUMBER: EL-MF434-00
RELEASED REVISION AND DATE: A, 09-Dec-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Ralph Rondinone, Computer Systems Manufacturing Engineering (CSME)
ABSTRACT: This manual provides detailed operating procedures and basic maintenance procedures for the HART (Hot Air Repair Terminal) 200 and 200A rework systems. The HART systems are used for removing and replacing the following through hole and surface mounted components.

Table 3 (Cont.): Documents Sorted By Order Number

T1020 Module Layup Specification

DOCUMENT NUMBER: A-SP-ELMF438-00-0000 ORDER NUMBER: EL-MF438-00
RELEASED REVISION AND DATE: B, 16-Aug-1985
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Engineering Technology
ABSTRACT: This specification provides the requirements for the T1020 controlled impedance module.

Model 6796 Unimodule DIP Inserter - Component Parts, Spare Parts, and Acceptance Procedure

DOCUMENT NUMBER: A-SP-ELMF440-00-0000 ORDER NUMBER: EL-MF440-00
RELEASED REVISION AND DATE: A, 04-Dec-1984
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification assists Digital personnel in the purchase and acceptance of the Uni-Module Insertion Machine. It provides a list of the component parts of the system, a list of the recommended spare parts, and an acceptance checklist.

6285 and 6287 Satellite Single Head VCD Maintenance Procedure

DOCUMENT NUMBER: A-SP-ELMF442-00-0000 ORDER NUMBER: EL-MF442-00
RELEASED REVISION AND DATE: A, 25-Mar-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Dave Gorey, Computer System Manufacturing Engineering (CSME)
ABSTRACT: This specification is designed to assist Digital personnel in the daily, weekly, and monthly maintenance of the 6285 and 6287 Satellite Single Head VCD.

Electrovert Century 2000 Computer-Controlled Wave Solder Machine

DOCUMENT NUMBER: A-SP-ELMF443-00-0000 ORDER NUMBER: EL-MF443-00
RELEASED REVISION AND DATE: A, 30-Sep-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification assists Digital personnel in the purchase and acceptance of the Electrovert Century 2000 Computer-Controlled Wave Solder machine by providing an acceptance checklist and a list of the recommended spare parts.

Electrovert Century 2000 Computer-controlled Wave Solder Machine - Installation and Initial Start-up Procedure

DOCUMENT NUMBER: A-MN-ELMF443-01-0000 ORDER NUMBER: EL-MF443-01
RELEASED REVISION AND DATE: A, 24-Apr-1987
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Dick Wilson, Computer Sys.Mfg.Eng. (CSME)
ABSTRACT: This manual provides installation and initial start-up instructions for the Electrovert Century 2000 Computer-Controlled Wave Solder machine.

Model 6796 Uni-Module Dip Inserter Maintenance Procedure

DOCUMENT NUMBER: A-SP-ELMF444-00-0000 ORDER NUMBER: EL-MF444-00
RELEASED REVISION AND DATE: A, 31-May-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bob Ziman, Computer System Manufacturing Engineering (CSME)
ABSTRACT: This specification is designed to assist Digital personnel in the daily, weekly, and monthly maintenance of the Uni-Module DIP Inserter.

Table 3 (Cont.): Documents Sorted By Order Number

Production Process Management Model

DOCUMENT NUMBER: A-MN-ELMF445-00-0000 ORDER NUMBER: EL-MF445-00
RELEASED REVISION AND DATE: A, 19-Mar-1985
MANAGEMENT CATEGORY: Component Handling (MCC)
RESPONSIBLE PERSON: Jon Kardell, Assembly System Engineering
ABSTRACT: This manual describes a modeling tool developed by Assembly Systems Engineering to aid in the analysis of process yield, through-put, quality, and costs for module manufacturing businesses.

22-Layer CPU Backplane Specification

DOCUMENT NUMBER: A-SP-ELMF446-00-0000 ORDER NUMBER: EL-MF446-00
RELEASED REVISION AND DATE: B, 13-Sep-1985
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Eng.Techn.Group
ABSTRACT: This specification provides the requirements for the 22-layer controlled impedance backplane.

22-Layer 11-Slot CPU Backplane Layup Specification

DOCUMENT NUMBER: A-SP-ELMF446-01-0000 ORDER NUMBER: EL-MF446-01
RELEASED REVISION AND DATE: A, 16-Mar-1988
MANAGEMENT CATEGORY: Backplane and Wirewrap (MAB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Engineering Technology Group
ABSTRACT: This specification provides the requirements for the 22-layer 11-slot CPU controlled impedance backplane.

Manufacturing Data Base (MDB) Creation Reference Manual

DOCUMENT NUMBER: A-MN-ELMF447-00-0000 ORDER NUMBER: EL-MF447-00
RELEASED REVISION AND DATE: A, 03-Mar-1986
MANAGEMENT CATEGORY: Design Process Administration/Management (TA)
RESPONSIBLE PERSON: Mike Terella, Technical Information Engineering
ABSTRACT: This manual is a guide to using the STREAM process to create a Manufacturing Data Base (MDB) that is used to provide soft tools for the automated and semi-automated manufacture of printed-wiring boards. It provides instructions to transform a Product Data File (PDF) into an MDB.

Manufacturing Data Base Post-Processing for Printed-Wiring Board Soft Tools

DOCUMENT NUMBER: A-MN-ELMF447-01-0000 ORDER NUMBER: EL-MF447-01
RELEASED REVISION AND DATE: B, 01-May-1987
MANAGEMENT CATEGORY: Data Management Systems (TS)
RESPONSIBLE PERSON: Mike Terella, Technical Information Engineering
ABSTRACT: A users guide to managing and creating VAX/STREAM soft tools from a Manufacturing Data Base (MDB). Describes the Product Data Management System (PDMS) that is used to store, transfer, and delete MDB data. Also describes the creation of soft tools, using four post processors from the STREAM process. The four post processors are Artwork, Drill, CATS (Continuity Testing), and PCB Gate.

Model 6772 Multi-Module II DIP Inserter Operator's Manual

DOCUMENT NUMBER: A-MN-ELMF448-00-0000 ORDER NUMBER: EL-MF448-00
RELEASED REVISION AND DATE: A, 19-Aug-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This operator's manual describes operating and maintenance procedures for the computer-controlled Model 6772 Multi-Module II Dip Inserter Machine.

Table 3 (Cont.): Documents Sorted By Order Number

9-Layer NBIA Module Layup Specification

DOCUMENT NUMBER: A-SP-ELMF450-00-0000 ORDER NUMBER: EL-MF450-00
RELEASED REVISION AND DATE: A, 26-Jul-1985
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Eng.Technology
ABSTRACT: This specification provides the requirements for the 9-layer controlled impedance NBIA module.

9-Layer NBIA Module Layup Specification for Rev A1

DOCUMENT NUMBER: A-SP-ELMF450-01-0000 ORDER NUMBER: EL-MF450-01
RELEASED REVISION AND DATE: A, 27-Jun-1986
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Engineering Technology
ABSTRACT: This document defines the requirements for Rev A1 of the 9-layer controlled impedance NBIA module.

Model 6287 VCD Inserter Operator's Manual

DOCUMENT NUMBER: A-MN-ELMF452-00-0000 ORDER NUMBER: EL-MF452-00
RELEASED REVISION AND DATE: A, 20-Sep-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This operator's manual describes operating and maintenance procedures for the Variable Center Distance (VCD) inserter machine, Model 6287 VCD II Inserter. This manual also describes the functions and interrelationships of each of the major machine assemblies.

Product Safety Update Procedure

DOCUMENT NUMBER: A-DG-ELMF453-00-0000 ORDER NUMBER: EL-MF453-00
RELEASED REVISION AND DATE: B, 26-Oct-1990
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This document describes the procedure used by Digital to amend product safety agency certifications.

Digital Equipment Corporation Sales Handbook Addressing Quality, Reliability, Manufacturing, and Service Delivery Issues

DOCUMENT NUMBER: A-MN-ELMF461-00-0000 ORDER NUMBER: EL-MF461-00
RELEASED REVISION AND DATE: A, 01-Feb-1986
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Virginia Moody, CSM Quality Group
ABSTRACT: This handbook describes the supporting internal procedures to be used by you, the Digital sales representative, and by other Digital employees when addressing customer satisfaction issues.

Control-Store Hybrid Process Book

DOCUMENT NUMBER: A-MN-ELMF462-00-0000 ORDER NUMBER: EL-MF462-00
RELEASED REVISION AND DATE: A, 18-Jun-1986
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Royce Taylor, Interconnect Applied Technology
ABSTRACT: This manual defines the steps that operators who inspect, assemble, and test Control-Store hybrids should follow. It also lists the required equipment, material, and related documentation needed for each step in the hybrid process.

Table 3 (Cont.): Documents Sorted By Order Number

Control-Store Memory Hybrid Test Specification

DOCUMENT NUMBER: A-MN-ELMF463-00-0000 ORDER NUMBER: EL-MF463-00
RELEASED REVISION AND DATE: A, 30-Sep-1985
MANAGEMENT CATEGORY: Hybrid Assemblies (HPA)
RESPONSIBLE PERSON: Linda Watson, Interconnect Applied Technology
ABSTRACT: This document describes the testing procedure for the Control-Store Memory Hybrid, Digital part number 57-22189-00.

Four-layer Console Distribution Panel

DOCUMENT NUMBER: A-SP-ELMF482-00-0000 ORDER NUMBER: EL-MF482-00
RELEASED REVISION AND DATE: A, 27-Jun-1986
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Jim Grochmal, Advanced VAX Engineering Technology
ABSTRACT: This specification contains the requirements for a 4-layer console distribution panel.

UICS Uni-Module DIP Inserter Operator's Manual

DOCUMENT NUMBER: A-MN-ELMF483-00-0000 ORDER NUMBER: EL-MF483-00
RELEASED REVISION AND DATE: A, 27-Apr-1987
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This operator's manual describes operating and maintenance procedures for the computer-controlled UICS Uni-Module DIP Inserter machine.

Satellite Uni-Module DIP Inserter Operator's Manual

DOCUMENT NUMBER: A-MN-ELMF484-00-0000 ORDER NUMBER: EL-MF484-00
RELEASED REVISION AND DATE: A, 24-Apr-1987
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This operator's manual describes operating and maintenance for the computer-controlled, Satellite Uni-Module DIP Inserter machine.

UICS Rotary Sequencer Operator's Manual

DOCUMENT NUMBER: A-MN-ELMF485-00-0000 ORDER NUMBER: EL-MF485-00
RELEASED REVISION AND DATE: A, 24-Apr-1987
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This operator's manual describes operating and maintenance procedures for the UICS Rotary Sequencer Operator's machine.

Virginia Panel Corporation Tri-Ax Prober System Preacceptance Test Procedure

DOCUMENT NUMBER: A-MN-ELMF494-00-0000 ORDER NUMBER: EL-MF494-00
RELEASED REVISION AND DATE: A, 23-Feb-1988
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Walter Miller, MPME, Test and Operations Engineering
ABSTRACT: This procedure specifies a rigorous test procedure designed to decrease support costs and increase the reliability of the robotic equipment purchased from the Virginia Panel Corporation under the model name TRI-AX PROBER.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Table 3 (Cont.): Documents Sorted By Order Number

Virginia Panel Corporation Tri-ax Prober System Installation and Operations Manual

DOCUMENT NUMBER: A-MN-ELMF494-01-0000 ORDER NUMBER: EL-MF494-01
RELEASED REVISION AND DATE: A, 03-Jun-1988
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Walter Miller, MPME, Test,and Operations Engineering
ABSTRACT: This manual provides information and procedures necessary to install and operate the TRI-AX PROBER System manufactured by the Virginia Panel Corporation.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Virginia Panel Corporation Tri-ax Prober System Maintenance Manual

DOCUMENT NUMBER: A-MN-ELMF494-02-0000 ORDER NUMBER: EL-MF494-02
RELEASED REVISION AND DATE: RA, 14-Jul-1988
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: W.Miller, MPME, Test, and Operations Engineering
ABSTRACT: This document provides information required to maintain the VPC TRI-AX PROBER System that is used in Digital manufacturing.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Method of Determining the Solderability of Surface Mountable Packages

DOCUMENT NUMBER: A-SP-ELMF500-00-0000 ORDER NUMBER: EL-MF500-00
RELEASED REVISION AND DATE: B, 20-Apr-1989
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Peter Pellerite, Aquisition and Test, CSME&T
ABSTRACT: This document describes two methods that determine the solderability of all surface mount devices. They are currently designed only as solderability tests. Although these methods emulate the surface mount process, they should not be substituted for actual surface mount line conditions when process compatibility studies are being performed; for example, during device qualification.

Soldapak Solder Repair Workstation

DOCUMENT NUMBER: A-SP-ELMF502-00-0000 ORDER NUMBER: EL-MF502-00
RELEASED REVISION AND DATE: A, 07-Nov-1986
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document provides information to order, prepare the work site, unpack, install, operate and maintain Electrovert's SOLDAPAK soldering machine, which is designed to repair printed-wiring boards by replacing defective components.

Mark Eyelet Corporation AR7 Automatic Socket Inserter

DOCUMENT NUMBER: A-MN-ELMF503-00-0000 ORDER NUMBER: EL-MF503-00
RELEASED REVISION AND DATE: A, 14-Oct-1986
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Bill Barton, Assembly Systems Engineering
ABSTRACT: This manual contains step-by-step instructions on how to set up, operate, maintain, and program the AR7 Automatic Socket Inserter.

BXC Operations Policies & Procedures Manual - L.E.S.M. IM&T Organization

DOCUMENT NUMBER: A-MN-ELMF504-LJ-0000 ORDER NUMBER: EL-MF504-LJ
RELEASED REVISION AND DATE: C, 28-Dec-1989
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Michelle Swanton, L.E.S.M. IM&T Operations
ABSTRACT: This manual documents the standard operating procedures that are implemented by BXC Low End Systems Manufacturing Operations.

Table 3 (Cont.): Documents Sorted By Order Number

PKO Operations Policies and Procedures Manual - LES/M IM & T Organization

DOCUMENT NUMBER: A-MN-ELMF504-PK-0000 ORDER NUMBER: EL-MF504-PK
RELEASED REVISION AND DATE: A, 25-Jun-1990
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Michelle Swanton, LES/M IM&T Operations
ABSTRACT: This manual documents the standard operating procedures that are implemented by BXC LES/M Computer Operations for support at the PK03 facility for the LESCOM cluster.

Surface Mount Technology (SMT) Process Specification

DOCUMENT NUMBER: A-SP-ELMF516-00-0000 ORDER NUMBER: EL-MF516-00
RELEASED REVISION AND DATE: C, 16-May-1990
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Mario Urrea, Technical Resource Group (TRG)
ABSTRACT: This specification describes general process requirements for the Surface Mount Module Assembly Process within Digital for releases 1.0, 1.5, and 2.0. Included in this document are requirements for SMT training, documentation, equipment operation, materials, and each step in the production process. Process flowcharts are provided for each SMT release level.

Generic Robotic Workstation Operator's Guide

DOCUMENT NUMBER: A-MN-ELMF519-01-0000 ORDER NUMBER: EL-MF519-01
RELEASED REVISION AND DATE: A, 20-Nov-1987
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Terry Quan, Advanced Process Manufacturing Engineering
ABSTRACT: This document describes the procedures for operating the Generic Robotic Workstation using version 1.15 of the Module Assembly Manager (MAM) program.

Generic Robotic Workstation Module Assembly Manager (MAM) User's Guide, Version 5.0

DOCUMENT NUMBER: A-MN-ELMF519-02-0000 ORDER NUMBER: EL-MF519-02
RELEASED REVISION AND DATE: D, 15-Aug-1990
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Y.F. Michael Kou, Advanced Process Manufacturing Engineering
ABSTRACT: This document defines the procedure for using version 5.5 of the Module Assembly Manager (MAM) program designed for the Generic Robotic Workstation.

Supplier Certification Policy

DOCUMENT NUMBER: A-SP-ELMF520-00-0000 ORDER NUMBER: EL-MF520-00
RELEASED REVISION AND DATE: B, 05-Oct-1989
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Joseph Belliveau, External Resources Management and Corporate Acquisition Quality
ABSTRACT: This document outlines the plans, activities, and performance measurements required for a supplier to achieve and maintain a controlled, problem preventing manufacturing system, thus qualifying for Digital Supplier Certification status. [This document should be used in conjunction with EL-MF520-01 and EL-MF520-02.]

Table 3 (Cont.): Documents Sorted By Order Number

Supplier Certification Policy: Steps to the Supplier Certification Decision

DOCUMENT NUMBER: A-SP-ELMF520-01-0000 ORDER NUMBER: EL-MF520-01
RELEASED REVISION AND DATE: B, 05-Oct-1989
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Joseph Belliveau, External Resources Management and Corporate Acquisition Quality
ABSTRACT: This section of the Supplier Certification Policy outlines the procedure for determining the certification of a supplier. The procedure includes the five steps to the supplier certification decision, including the Program Introduction, Supplier's Internal Assessment, the Readiness Review, the Manufacturing Systems Assessment, and the Supplier Certification Decision Meeting. [This document should be used in conjuction with EL-MF520-00 and EL-MF520-02.]

Manufacturing Systems Assessment Procedure - Checklist for Supplier Certification

DOCUMENT NUMBER: A-SP-ELMF520-02-0000 ORDER NUMBER: EL-MF520-02
RELEASED REVISION AND DATE: B, 05-Oct-1989
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Joseph Belliveau, External Resources Management and Corporate Acquisition Quality
ABSTRACT: This procedure is used in support of EL-MF520-00, Supplier Certification Policy. This document details the process and support requirements outlines in the Supplier Certification Policy. [This document should be used in conjunction with EL-MF520-00 and EL-MF520-01.]

Supplier Management Program Introduction and PROCESS PHASES FOR QUALIFICATION

DOCUMENT NUMBER: A-SP-ELMF521-00-0000 ORDER NUMBER: EL-MF521-00
RELEASED REVISION AND DATE: A, 27-Jul-1987
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Joe Belliveau, External Resource Management
ABSTRACT: The Supplier Systems Management Program (SSMP) ia a methodical approach to working with selected external suppliers to provide high quality purchased material that fully meets Digital specifications and requirements. The program details the requirements that must be met by the supplier to achieve qualification. It also lists the responsibilities of the Digital plan administrators and participants. This document describes the steps of the program to ensure adequate process controls and proper communication between suppliers and Digital Equipment Corporation.
DOCUMENT STATUS: Caution: Document change is in progress.

Supplier Systems Management Program Process Phases for Qualification

DOCUMENT NUMBER: A-SP-ELMF521-01-0000 ORDER NUMBER: EL-MF521-01
RELEASED REVISION AND DATE: A, 27-Jul-1987
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Travis Hagspiel, External Resource Management
ABSTRACT: This document describes a supplier quality management program to ensure adequate process controls and proper communication between supplier and Digital Equipment Corporation.

Supplier Systems Management Program Preliminary Supplier Survey

DOCUMENT NUMBER: A-SP-ELMF521-02-0000 ORDER NUMBER: EL-MF521-02
RELEASED REVISION AND DATE: A, 27-Jul-1987
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Travis Hagspiel, External Resource Management
ABSTRACT: This document contains a form to be used as a basis for a preliminary supplier survey. By answering the questions contained therein, an accurate indication of a supplier's methods for control of the manufacturing process and auxiliary support systems can be obtained.

Table 3 (Cont.): Documents Sorted By Order Number

Supplier Quality Assurance (SQA) Specification

DOCUMENT NUMBER: A-SP-ELMF521-03-0000 ORDER NUMBER: EL-MF521-03
RELEASED REVISION AND DATE: A, 27-Jul-1987
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Travis Hagspiel, External Resource Management
ABSTRACT: This document defines the requirements for supplier qualification. It establishes guidelines for the development of supplier based process/program controls for purchased materials.

Supplier Quality Agreement

DOCUMENT NUMBER: A-SP-ELMF521-04-0000 ORDER NUMBER: EL-MF521-04
RELEASED REVISION AND DATE: A, 27-Jul-1987
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Travis Hagspiel, External Resource Management
ABSTRACT: This document contains the supplier quality agreement form to be used as an addendum to a Basic Order Agreement (BOA)/ Master Purchase Order (MPO) when one exists, or as a standalone agreement. It defines the elements needed to obtain and maintain a qualified status.

14-Layer XMI Backplane Specification

DOCUMENT NUMBER: A-SP-ELMF527-00-0000 ORDER NUMBER: EL-MF527-00
RELEASED REVISION AND DATE: A, 20-Jul-1987
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: James Staples, XMI Technology Group
ABSTRACT: This document contains the specific electrical, physical feature size, and relationship requirements for the 50-18175 and 50-18173 printed-wiring boards. Electrical test methodology and equipment to meet these requirements are included.

General Specification for Taping Surface Mounted Components

DOCUMENT NUMBER: A-SP-ELMF531-00-0000 ORDER NUMBER: EL-MF531-00
RELEASED REVISION AND DATE: B, 31-Aug-1992
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document contains information for taping surface mounted components for automatic placement. The information contained herein shall be used in addition to the requirements specified in EIA-481, Standard for Taping of Surface Mounted Components for Automatic Placement.

XCON Product Information Requirements

DOCUMENT NUMBER: A-MN-ELMF536-00-0000 ORDER NUMBER: EL-MF536-00
RELEASED REVISION AND DATE: A, 20-Aug-1987
MANAGEMENT CATEGORY: Design Information Transfer (TT)
RESPONSIBLE PERSON: Ann Baker, XCON Program Office
ABSTRACT: This document provides product information for XCON and XSEL automated software tools that assist Digital business functions in the configuration of Digital's computer systems.

Table 3 (Cont.): Documents Sorted By Order Number

Manufacturing Product Phase Down Guidelines

DOCUMENT NUMBER: A-DG-ELMF540-00-0000 ORDER NUMBER: EL-MF540-00
RELEASED REVISION AND DATE: B, 28-Mar-1991
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Ed Goucher, Corporate Product Phase Down Steering Committee
ABSTRACT: This document addresses manufacturing phase down management of hardware and software products worldwide. It links to all corporate functions, and its strategies are intended to be integrated with other corporate strategies, such as the One Plan, financial responsibility, and inventory control. This document is intended to tie into other documents of similar format, designed to facilitate one common process for managing products in the manufacturing cycle, from introduction to retirement.

Major Material Phase Review Exit Criteria Poster

DOCUMENT NUMBER: A-DG-ELMF540-PO-0000 ORDER NUMBER: EL-MF540-PO
RELEASED REVISION AND DATE: A, 01-Mar-1988
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: E.Goucher, Inventory Programs Team
ABSTRACT: This poster identifies the major material phase review exit criteria, as defined in EL-MF540-00.

Accelerated Aging Specification for Module-Mountable Components [Through-Hole and Surface Mount]

DOCUMENT NUMBER: A-SP-ELMF542-00-0000 ORDER NUMBER: EL-MF542-00
RELEASED REVISION AND DATE: B, 01-Mar-1988
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Paul Thibodeau, Computer System Manufacturing Engineering (CSME)
ABSTRACT: This document specifies a standard procedure to be followed to accelerate aging of module-mountable components prior to solderability testing. This method is for tin and tin-lead alloy coatings on copper base metal.

Procedure for Soldermask Evaluation

DOCUMENT NUMBER: A-SP-ELMF543-00-0000 ORDER NUMBER: EL-MF543-00
RELEASED REVISION AND DATE: D, 07-May-1992
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Paul Thibodeau, U.S. Manufacturing Engineering and Technology (USME&T)
ABSTRACT: This document defines the procedures used to qualify soldermask for use within Digital.

Manufacturing Product and Process Transfer Checklist

DOCUMENT NUMBER: A-SP-ELMF546-00-0000 ORDER NUMBER: EL-MF546-00
RELEASED REVISION AND DATE: A, 11-Jul-1988
MANAGEMENT CATEGORY: Engineering-Manufacturing Release (TRR)
RESPONSIBLE PERSON: Kevin Stephens, GIA Group Quality
ABSTRACT: This document provides a standardized checklist to be used during the transfer of a product or process between Digital manufacturing facilities. It is intended to enable the transfer program manager to evaluate the overall transfer plan.

M-Series Printed-Wiring Board Specification

DOCUMENT NUMBER: A-SP-ELMF547-00-0000 ORDER NUMBER: EL-MF547-00
RELEASED REVISION AND DATE: A, 04-Oct-1991
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Dick Clark, VMS Systems and Servers
ABSTRACT: This specification defines the requirements for M-series printed-wiring boards.

Table 3 (Cont.): Documents Sorted By Order Number

SIAM User's Guide

DOCUMENT NUMBER: A-MN-ELMF559-00-0000 ORDER NUMBER: EL-MF559-00
RELEASED REVISION AND DATE: A, 28-Apr-1988
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Norma Gahl, MEM Finance IS
ABSTRACT: This document is an instructional guide to the menu-driven Standard Cost Integration and Maintenance System (SIAM).

XMI Module Impedance Measurement Procedure

DOCUMENT NUMBER: A-SP-ELMF562-00-0000 ORDER NUMBER: EL-MF562-00
RELEASED REVISION AND DATE: A, 17-Jun-1988
MANAGEMENT CATEGORY: Reliability Testing (HTR)
RESPONSIBLE PERSON: Norman Commo, XMI Design Group
ABSTRACT: This document defines the procedures for measuring the impedance of test strips on XMI printed-wiring boards (PWBs) whose characteristic impedance is nominally 50-ohms. This process involves using a Time Domain Reflectometer (TDR) with a Tektronix 7854 and its waveform calculator.

Pipeline Manager Primer

DOCUMENT NUMBER: A-MN-ELMF570-00-0000 ORDER NUMBER: EL-MF570-00
RELEASED REVISION AND DATE: A, 23-Sep-1988
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Unknown, Applied Expert Systems Group
ABSTRACT: This Document introduces the incremental build analysis; describes the Pipeline Manager software, a prototype tool for performing build analysis; and explains how to use Pipeline Manager.

CSS Order Fulfillment

DOCUMENT NUMBER: A-MN-ELMF574-00-0000 ORDER NUMBER: EL-MF574-00
RELEASED REVISION AND DATE: A, 30-Jun-1989
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Fred Rosenblum, Computer Special Systems (CSS)
ABSTRACT: This document describes the current operations of the Order Fulfillment group within Computer Special Systems (CSS). The expediting, tracking, and reporting responsibilities of each individual is shown, along with the group's interaction with corporate material and scheduling databases. Work Flow Diagrams are provided to show the logical, top-down flow of information through the group.

High Performance Work Station Functional Specification

DOCUMENT NUMBER: A-SP-ELMF576-00-0000 ORDER NUMBER: EL-MF576-00
RELEASED REVISION AND DATE: A, 02-Nov-1988
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Rob Janoch, Small Systems Manufacturing Engineering
ABSTRACT: This specification provides the functional and acceptance test requirements for the development and/or procurement of a generic surface mount assembly work station. The preparation, placement, and bonding of High Performance Tape Packages (HPTP) and fine pitch components are specifically addressed.

Table 3 (Cont.): Documents Sorted By Order Number

Cencorp Model 544 Powershear Acceptance Procedure

DOCUMENT NUMBER: A-SP-ELMF577-00-0000 ORDER NUMBER: EL-MF577-00
RELEASED REVISION AND DATE: A, 28-Sep-1988
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document specifies a standard procedure to be followed to complete system check on a Cencorp Model 544 Powershear.

Printed-Wiring Board Resistor Test File Specification

DOCUMENT NUMBER: A-SP-ELMF591-00-0000 ORDER NUMBER: EL-MF591-00
RELEASED REVISION AND DATE: A, 17-Jul-1990
MANAGEMENT CATEGORY: Component Handling and Test (MC)
RESPONSIBLE PERSON: Michael Hill, Semiconductor Interconnect Technology/PWB
ABSTRACT: This document details the file contents and format for a printed-wiring board (PWB) embedded Resistor Test File (RTF). An RTF provides a method for organizing and transferring complete resistor information between Design and Manufacturing functions. RTFs are required elements of Digital's 50-level data sets for all products that include buried resistor technology.

Auto Aging System User Guide

DOCUMENT NUMBER: A-MN-ELMF594-00-0000 ORDER NUMBER: EL-MF594-00
RELEASED REVISION AND DATE: A, 01-Feb-1989
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Pam Ferguson, Corporate Materials
ABSTRACT: This manual describes the usage and installation procedures for the Auto Aging Phase I and Auto Phase II software.

Modules Process Qualification Procedure and Assessment Checklist

DOCUMENT NUMBER: A-SP-ELMF596-00-0000 ORDER NUMBER: EL-MF596-00
RELEASED REVISION AND DATE: A, 27-Mar-1989
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Al Doty, Equipment Characterization Engineering
ABSTRACT: This document defines a procedure for Process Qualification, to help ensure consistency between Modules Process Development qualifications.

Test Method for Soldermask Cure

DOCUMENT NUMBER: A-SP-ELMF601-00-0000 ORDER NUMBER: EL-MF601-00
RELEASED REVISION AND DATE: A, 30-Jun-1989
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Jim O'Malley, External Board Business
ABSTRACT: This document specifies the test method used to determine the cure of soldermask on a printed-wiring board (PWB) fabricated or purchased by Digital Equipment Corporation.

Generic Robotic Workstation Module Assembly Manager [MAM User's Guide, Version 4.0]

DOCUMENT NUMBER: A-SP-ELMF609-00-0000 ORDER NUMBER: EL-MF609-00
RELEASED REVISION AND DATE: A, 09-Jun-1989
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Y. F. Michael Kou, Advanced Process Manufacturing Engineering
ABSTRACT: This three page fold-out shows MAM Menu Hierarchy. This is used with EL-MF519-02.

Table 3 (Cont.): Documents Sorted By Order Number

Digital's Motor Carrier Safety Compliance Program

DOCUMENT NUMBER: A-MN-ELMF611-00-0000 ORDER NUMBER: EL-MF611-00
RELEASED REVISION AND DATE: A, 01-Feb-1990
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Jim Williams, Quality/Compliance
ABSTRACT: This document identifies the intent, requirements, and implementation of Digital's Safety Compliance Program as it relates to Digital's trucks in the United States and its territories. It references the federal regulations upon which the program is based, and contains a summary of specific sections of the Department of Transportation's Federal Motor Carrier Safety Regulations, Title 49 - Transportation.

Taiwan Competitive Specification - Phase A

DOCUMENT NUMBER: A-SP-ELMF700-00-0000 ORDER NUMBER: EL-MF700-00
RELEASED REVISION AND DATE: B, 23-Sep-1991
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: T.L.Chen, Quality Program Management
ABSTRACT: This specification identifies the approved deviations from applicable Digital standards for the manufacture of video products. These deviations are grouped according to component, product, and process.

Taiwan Competitive Specification - Phase B

DOCUMENT NUMBER: A-SP-ELMF700-01-0000 ORDER NUMBER: EL-MF700-01
RELEASED REVISION AND DATE: A, 23-Sep-1991
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: T.L.Chen, Quality Program Management
ABSTRACT: This specification identifies the approved deviations from applicable Digital standards for manufacture of products in the Taiwan plant. These deviations are grouped according to component, product, and process.

Corrective Action Process

DOCUMENT NUMBER: A-MN-ELMF712-00-0000 ORDER NUMBER: EL-MF712-00
RELEASED REVISION AND DATE: A, 05-Mar-1990
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Lou Difinizio, Corporate Quality Group
ABSTRACT: This document defines the Corrective Action Process for use within Digital as the vehicle to address improvement issues. It includes information on the identification, issue, and closure criteria for corrective action reports (CARs).

Standardized Requirements for Marking Electronic Components for Use with Automated Vision Systems

DOCUMENT NUMBER: A-SP-ELMF715-00-0000 ORDER NUMBER: EL-MF715-00
RELEASED REVISION AND DATE: A, 15-Mar-1990
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Steve Denker, Low-End Systems Manufacturing
ABSTRACT: This document provides requirements for marking unique identifiers (legends) onto electronic components for use with automated vision systems. This document specifies requirements for marking legends onto plastic, ceramic, and metal components.

Table 3 (Cont.): Documents Sorted By Order Number

Test Procedure for Mating Fiber Distributed Data Interface (FDDI) Duplex Connectors to FDDI Active Fiber-Optic Modules

DOCUMENT NUMBER: A-SP-ELMF716-00-0000 ORDER NUMBER: EL-MF716-00
RELEASED REVISION AND DATE: A, 23-May-1990
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Alfonso Rivera, Telecommunications and Networks Manufacturing Component Engineering (T&NM)
ABSTRACT: This document describes the method for testing the active device mounts (ADMs) and receptacles of fiber-optic active modules with FDDI duplex connectors for wear out and coupled signal attenuation.

Test Procedure for Mating 2.5mm Bayonet Connectors to Single-Channel Active Fiber-Optic Modules, Light Sources, and Photodetectors

DOCUMENT NUMBER: A-SP-ELMF716-01-0000 ORDER NUMBER: EL-MF716-01
RELEASED REVISION AND DATE: A, 23-May-1990
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Alfonso Rivera, Telecommunications and Networks Manufacturing Component Engineering (T&NM)
ABSTRACT: This document describes the method for testing the active device mount (ADM) of fiber-optic active components—modules, light sources, and photodetectors – with 2.5 mm bayonet connectors for wear out and coupled signal attenuation.

Printed-Wiring Board Continuity Test File Specification

DOCUMENT NUMBER: A-SP-ELMF721-00-0000 ORDER NUMBER: EL-MF721-00
RELEASED REVISION AND DATE: A, 17-Jul-1990
MANAGEMENT CATEGORY: Component Handling and Test (MC)
RESPONSIBLE PERSON: Michael Hill, Semiconductor and Interconnect Technology/PWB
ABSTRACT: This document details the file contents and format for a PWB product Continuity Test File (CTF). A CTF provides a method for organizing and transferring complete product network connectivity data between Design and Manufacturing functions. CTFs are required elements of Digital's 50-level data sets for all products that require data-driven continuity testing. CTF data shall be used by PWB fabricators as final product acceptance criteria for Digital PWBs.

HPTP Module Assembly Manufacturing Specification '

DOCUMENT NUMBER: A-MN-ELMF723-00-0000 ORDER NUMBER: EL-MF723-00
RELEASED REVISION AND DATE: A, 05-Nov-1990
MANAGEMENT CATEGORY: Workmanship (MQW)
RESPONSIBLE PERSON: Paul Thibodeau, Program Technology Office (PTO)
ABSTRACT: This manual is a compilation of assembly procedures, excluding the heatsink attach procedure, for the High Performance Tape Package (HPTP). This document is intended as a single site and single sided HPTP module assembly process specification. It is not a surface mount technology (SMT) 4.0 generic process specification.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Flexible Assembly Workstation Brochure

DOCUMENT NUMBER: A-SP-ELMF724-00-0000 ORDER NUMBER: EL-MF724-00
RELEASED REVISION AND DATE: A, 01-May-1990
MANAGEMENT CATEGORY: Component Handling and Test (MC)
RESPONSIBLE PERSON: Tom Newbold, Low End System Manufacturing (LESM)
ABSTRACT: This three page fold-out is an introduction to the Flexible Assembly Workstation. It describes its capabilities and provides product specifications.

Table 3 (Cont.): Documents Sorted By Order Number

Ship to Stock Process for DRAMS

DOCUMENT NUMBER: A-SP-ELMF731-00-0000 ORDER NUMBER: EL-MF731-00
RELEASED REVISION AND DATE: A, 14-Sep-1990
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Stephen Johnson, GIA Manufacturing
ABSTRACT: This document describes a process for selecting and identifying dynamic random access memory (DRAM) chips. It also describes how to monitor the performance of parts on the ship to stock (STS) program.

Applicability of Quality Assurance System Requirements

DOCUMENT NUMBER: A-GL-ELMF732-00-0000 ORDER NUMBER: EL-MF732-00
RELEASED REVISION AND DATE: AX01, 29-Mar-1991
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Robert Kennedy, Corporate Quality Office
ABSTRACT: This document lists the sites and organizations that are subject to the requirements of DEC STD 017-0 Quality Assurance System Requirements, its applicable parts, and the registration agency.

All Copper Implementation Plan (A Template for Technology Implementation)

DOCUMENT NUMBER: A-MN-ELMF733-00-0000 ORDER NUMBER: EL-MF733-00
RELEASED REVISION AND DATE: A, 16-Aug-1990
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Paul Thibodeau, Technical Resource Group
ABSTRACT: This document describes the implementation plan for converting printed-wiring board (PWB) manufacturing to an All Copper process.

HD Plus Connectors: Manufacturing Assembly Criteria

DOCUMENT NUMBER: A-SP-ELMF734-00-0000 ORDER NUMBER: EL-MF734-00
RELEASED REVISION AND DATE: A, 21-Jan-1991
MANAGEMENT CATEGORY: Manufacturing Assembly (MA)
RESPONSIBLE PERSON: Bernie MacDonald, Canadian Technology Center (CTC)
ABSTRACT: This specification establishes the acceptance criteria for the assembled HD Plus series connector. This specification also provides directions and measurement techniques for meeting these criteria.

GIA Environmental Health and Safety Accident Investigation Standard

DOCUMENT NUMBER: A-SP-ELMF737-00-0000 ORDER NUMBER: EL-MF737-00
RELEASED REVISION AND DATE: A, 25-Mar-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities for accident and near miss investigation, reporting, and follow-up.

GIA Environmental Health and Safety Working Alone Standard

DOCUMENT NUMBER: A-SP-ELMF738-00-0000 ORDER NUMBER: EL-MF738-00
RELEASED REVISION AND DATE: A, 25-Mar-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities for the establishment of a site specification to safeguard employees engaged in hazardous activities or working in hazardous areas requiring a minimum of two qualified persons to be present at all times during those activities.

Table 3 (Cont.): Documents Sorted By Order Number

GIA Environmental Health and Safety Program Evaluation Standard

DOCUMENT NUMBER: A-SP-ELMF739-00-0000 ORDER NUMBER: EL-MF739-00
RELEASED REVISION AND DATE: A, 25-Mar-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities for the establishment and participation in the GIA Environmental Health and Safety (EH&S) Program Evaluation.

GIA Environmental Health and Safety Electrical Safety Standard

DOCUMENT NUMBER: A-SP-ELMF740-00-0000 ORDER NUMBER: EL-MF740-00
RELEASED REVISION AND DATE: A, 01-Apr-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities for the establishment of a site Electrical Safety Program.

GIA Environmental Health and Safety Cumulative Trauma Disorder (CTD) Prevention Standard

DOCUMENT NUMBER: A-SP-ELMF741-00-0000 ORDER NUMBER: EL-MF741-00
RELEASED REVISION AND DATE: A, 01-Apr-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities for the establishment of a site Cumulative Trauma Disorder (CTD) Prevention Program.

GIA Environmental Health and Safety Eye Protection Standard

DOCUMENT NUMBER: A-SP-ELMF742-00-0000 ORDER NUMBER: EL-MF742-00
RELEASED REVISION AND DATE: A, 25-Mar-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities of a site Eye Protection Program.

GIA Environmental Health and Safety Emergency Response Plan Standard

DOCUMENT NUMBER: A-SP-ELMF743-00-0000 ORDER NUMBER: EL-MF743-00
RELEASED REVISION AND DATE: A, 25-Mar-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities for the establishment of a site Emergency Response Plan and Emergency Response Team (ERT).

GIA Environmental Health and Safety Lockout/Tagout of Energy Sources Standard

DOCUMENT NUMBER: A-SP-ELMF744-00-0000 ORDER NUMBER: EL-MF744-00
RELEASED REVISION AND DATE: A, 25-Mar-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities for the establishment of a site Lockout/Tagout of Energy Sources Program. This includes electrical, mechanical, and other sources of stored energy.

Table 3 (Cont.): Documents Sorted By Order Number

GIA Environmental Health and Safety Employee Right-To-Know Standard

DOCUMENT NUMBER: A-SP-ELMF745-00-0000 ORDER NUMBER: EL-MF745-00
RELEASED REVISION AND DATE: A, 25-Mar-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities of a site chemical Employee Right-To-Know Program.

GIA Environmental Health and Safety Program Elements Standard

DOCUMENT NUMBER: A-SP-ELMF746-00-0000 ORDER NUMBER: EL-MF746-00
RELEASED REVISION AND DATE: A, 25-Mar-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities of a site Environmental Health and Safety (EH&S) Program.

GIA Environmental Health and Safety Chemical Safety Standard

DOCUMENT NUMBER: A-SP-ELMF747-00-0000 ORDER NUMBER: EL-MF747-00
RELEASED REVISION AND DATE: A, 24-Jun-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities to ensure the proper use, storage, transportation, handling, and disposal of chemicals.

GIA Environmental Health and Safety Construction Contractor Safety Standard

DOCUMENT NUMBER: A-SP-ELMF748-00-0000 ORDER NUMBER: EL-MF748-00
RELEASED REVISION AND DATE: A, 24-Jun-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities to ensure construction contractor activity is conducted safely without potential hazard to the construction workers, Digital employees, other contractor employees, or the environment.

GIA Environmental Health and Safety Industrial Hygiene Program Elements Standard

DOCUMENT NUMBER: A-SP-ELMF751-00-0000 ORDER NUMBER: EL-MF751-00
RELEASED REVISION AND DATE: A, 24-Jun-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities of an effective industrial hygiene program.

GIA Environmental Health and Safety Cyanide Safety Standard

DOCUMENT NUMBER: A-SP-ELMF752-00-0000 ORDER NUMBER: EL-MF752-00
RELEASED REVISION AND DATE: A, 24-Jun-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities to ensure the proper use, storage, transportation, handling, and disposal of cyanide compounds.

Table 3 (Cont.): Documents Sorted By Order Number

Trusted Distribution Plan

DOCUMENT NUMBER: A-SP-ELMF753-00-0000 ORDER NUMBER: EL-MF753-00
RELEASED REVISION AND DATE: B, 01-May-1992
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Barbara Thomson, Government Systems Group
ABSTRACT: This document provides the plan for trusted distribution of Digital products. The document includes discussions of the distribution systems used to provide trusted distribution for Trusted Computing Base (TCB) components.

Futurebus+ PWB/Module General Design Specification

DOCUMENT NUMBER: A-SP-ELMF757-00-0000 ORDER NUMBER: EL-MF757-00
RELEASED REVISION AND DATE: A, 22-Jan-1992
MANAGEMENT CATEGORY: Bus Architecture (SHA)
RESPONSIBLE PERSON: Dick Clark, VMS Systems and Servers
ABSTRACT: This document establishes the design and performance requirements for a rigid multilayer printed-wiring board with controlled impedance using the Futurebus+ corner.

Recommended Futurebus+ Module Assembly Process

DOCUMENT NUMBER: A-SP-ELMF757-01-0000 ORDER NUMBER: EL-MF757-01
RELEASED REVISION AND DATE: A, 05-Mar-1992
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Joe DeCarolis, Technical Services and Manufacturing Engineering (TME)
ABSTRACT: This document provides the recommended module assembly and repair process for the FB+ B2999 module, Profile B corner design in conjunction with the Futurebus FB+ Technical Program Office (TPO), FB+ design must meet Electronic Industries Association (EIA) standards. This report also highlights all development activities that have gone into each planning stage of the recommended process.

Hong Kong Competitive Specification – Phase A

DOCUMENT NUMBER: A-SP-ELMF758-00-0000 ORDER NUMBER: EL-MF758-00
RELEASED REVISION AND DATE: A, 23-Sep-1991
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Wai Man Quan, Quality Program Management (MQQ)
ABSTRACT: This specification identifies the approved deviations from applicable Digital standards for manufacture of products in the Hong Kong plant. These deviations are grouped according to component, product, and process.

Manufacturing Data Elements Reference Document

DOCUMENT NUMBER: A-SP-ELMF759-00-0000 ORDER NUMBER: EL-MF759-00
RELEASED REVISION AND DATE: A, 10-May-1991
MANAGEMENT CATEGORY: Engineering Design/Documentation Methods (HPD)
RESPONSIBLE PERSON: Mike Terella, Technical Information Engineering
ABSTRACT: This reference document is one example of the engineering and manufacturing product data elements used for fabrication of prototypes and for volume manufacturing.

FY91 Semi-Aqueous Work

DOCUMENT NUMBER: A-GL-ELMF761-00-0000 ORDER NUMBER: EL-MF761-00
RELEASED REVISION AND DATE: A, 30-Aug-1991
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Leo Lambert, Manufacturing Process Engineering
ABSTRACT: This document has been inactivated with no replacement. There is no corporate need for semi-aqueous cleaning at this time.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

GIA Environmental Health and Safety Environmental Program Elements Standard

DOCUMENT NUMBER: A-SP-ELMF766-00-0000 ORDER NUMBER: EL-MF766-00
RELEASED REVISION AND DATE: A, 17-Dec-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities of a site Environmental Program.

GIA Environmental Health and Safety Air Quality Management Standard

DOCUMENT NUMBER: A-SP-ELMF767-00-0000 ORDER NUMBER: EL-MF767-00
RELEASED REVISION AND DATE: A, 24-Dec-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: This GIA standard defines the basic elements and responsibilities of a site Air Quality Management Program.

GIA Environmental Health and Safety Wastewater Quality Management Standard

DOCUMENT NUMBER: A-SP-ELMF768-00-0000 ORDER NUMBER: EL-MF768-00
RELEASED REVISION AND DATE: A, 24-Dec-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: This GIA standard defines the basic elements and responsibilities of a site Wastewater Quality Management Program.

GIA Environmental Health and Safety Hazardous and Nonhazardous Waste Management Standard

DOCUMENT NUMBER: A-SP-ELMF769-00-0000 ORDER NUMBER: EL-MF769-00
RELEASED REVISION AND DATE: A, 24-Dec-1991
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: This GIA standard defines the basic elements and responsibilities of a site Hazardous and Nonhazardous Waste Management Program.

Hong Kong Competitive Specification — Phase B

DOCUMENT NUMBER: A-SP-ELMF772-00-0000 ORDER NUMBER: EL-MF772-00
RELEASED REVISION AND DATE: A, 31-Mar-1992
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Wai-Man Quan, Hong Kong Manufacturing
ABSTRACT: This specification identifies the approved deviations from applicable Digital standards for the manufacture of products in the Hong Kong manufacturing plant. These deviations are grouped according to component, product, and process.

GIA Environmental Health and Safety Indoor Air Quality Management Guideline

DOCUMENT NUMBER: A-SP-ELMF773-00-0000 ORDER NUMBER: EL-MF773-00
RELEASED REVISION AND DATE: A, 22-May-1992
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA guideline is to define the basic elements and responsibilities of an Indoor Air Quality Program for the office environment.

Table 3 (Cont.): Documents Sorted By Order Number

GIA Environmental Health and Safety Powered Industrial Vehicle Operator Training and Certification Standard

DOCUMENT NUMBER: A-SP-ELMF774-00-0000 ORDER NUMBER: EL-MF774-00
RELEASED REVISION AND DATE: A, 22-May-1992
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities to ensure the safe use of powered industrial vehicles.

GIA Environmental Health and Safety Respiratory Protection Standard

DOCUMENT NUMBER: A-SP-ELMF775-00-0000 ORDER NUMBER: EL-MF775-00
RELEASED REVISION AND DATE: A, 22-May-1992
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities to ensure the safe use of respiratory protection.

GIA Environmental Health and Safety Compliance Self-Audit Program Standard

DOCUMENT NUMBER: A-SP-ELMF779-00-0000 ORDER NUMBER: EL-MF779-00
RELEASED REVISION AND DATE: A, 16-Sep-1992
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Manufacturing and Engineering
ABSTRACT: The purpose of this GIA standard is to define the basic elements and responsibilities of a site EH&S Compliance Self-Audit Program.

Standardized Procedure to Test the Strength of Solder Joints Formed with Rigid Lead Devices

DOCUMENT NUMBER: A-SP-ELMF780-00-0000 ORDER NUMBER: EL-MF780-00
RELEASED REVISION AND DATE: A, 27-Jul-1992
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Greg Bartlett, Material Science & Engineering
ABSTRACT: Tensile lead pull strength is an important characteristic of SMT solder joints that can be consistently measured using the general procedure described in this document. This procedure can be used to support process development and process control activities by comparing pull strength values obtained from using different reflow methods or by comparing the values historically.

Electronics Technology File

DOCUMENT NUMBER: A-MN-ELMF786-00-0000 ORDER NUMBER: EL-MF786-00
RELEASED REVISION AND DATE: A, 30-Jun-1992
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Paul Vilcans, Electronics Design and Test
ABSTRACT: The Electronics Technology File (ETF) defines the preferred set of components and design rules from the chip edge through the backplane interconnect levels. Access VTX TECHFILES to obtain the most current information regarding these tech files.
DOCUMENT STATUS: Caution: Document change is in progress.

Multi-Module II Dip Inserter Maintenance Procedure

DOCUMENT NUMBER: A-SP-ELMFDIP-00-0000 ORDER NUMBER: EL-MFDIP-00
RELEASED REVISION AND DATE: A, 25-Jan-1985
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Dave Fisher, Computer System Manufacturing Engineering (CSME)
ABSTRACT: This specification is designed to assist Digital personnel in the daily, weekly, and monthly, maintenance of the Multi-Model II DIP Inserter.

Table 3 (Cont.): Documents Sorted By Order Number

Mark V Hydraulic Power Shear

DOCUMENT NUMBER: A-MN-ELMFHPS-OP-0000 ORDER NUMBER: EL-MFHPS-OP
RELEASED REVISION AND DATE: A, 30-Apr-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Describes operating procedures for the Mark V Hydraulic Power Shear. Includes machine specification, safety features, and detailed instructions to shear the various panel configurations. Daily maintenance procedures are also provided. Intended for operators and may be used as a training aid.

Global Equipment Plan

DOCUMENT NUMBER: A-SP-ELMFMPM-01-0000 ORDER NUMBER: EL-MFMPM-01
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification provides a detailed description of the Process Group in Acton, which acted as the central planner for the plant's manufacturing equipment needs.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Module Build Analysis System

DOCUMENT NUMBER: A-SP-ELMFMPM-02-0000 ORDER NUMBER: EL-MFMPM-02
RELEASED REVISION AND DATE: C, 01-Sep-1980
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification provides volume metric information on various facets of Digital's Module Production. The Module Build Analysis (MBA) System extends unit profile information stored on each DEC Module to give volume data on such parameters as standard hours, material added, standard cost, board density, insertion device, and test instruments.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Machine Capacity Models

DOCUMENT NUMBER: A-SP-ELMFMPM-03-0000 ORDER NUMBER: EL-MFMPM-03
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification provides a technical description of the following machine capacity models: APST Capacity, DIP Inserter Capacity (24-Station), GR Capacity (General Radio Tester 1792), ST Capacity (Teradyne L427 Capacity and Cost), VCD Insertion Capacity (revision 1), WS Wave Solder, AQ and Aqueous Cleaning Process, ZT Capacity (Zehntel capacity and cost).
DOCUMENT STATUS: This document is archived; no future revision is planned.

Table 3 (Cont.): Documents Sorted By Order Number

ADL Competitive Metrics

DOCUMENT NUMBER: A-SP-ELMFMPM-04-0000 ORDER NUMBER: EL-MFMPM-04
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification provides a study undertaken by a contracted independent party (ADL, Arthur D. Little) which clearly gives detailed manufacturing operating comparisons between Digital and a selected sample of direct competitors. The competitive data complemented Digital's existing programs dealing with internal operating metrics at the plant and process level. The data gathered led to a clearer understanding of competitiveness.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Process Management Charter Package

DOCUMENT NUMBER: A-SP-ELMFMPM-05-0000 ORDER NUMBER: EL-MFMPM-05
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification provides a breakdown of the Modules Process Management group who had primary responsibility for the past operation and future direction of Digital's module manufacturing (assembly/test) processes: Process Engineering Business Group process Equipment Training and Modules Process Finance.
DOCUMENT STATUS: This document is archived; no future revision is planned.

DL (Direct Labor) Metrics Survey

DOCUMENT NUMBER: A-SP-ELMFMPM-06-0000 ORDER NUMBER: EL-MFMPM-06
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification provides a survey completed on some metrics related to DL (Direct Labor) on nine (9) of twelve (12) of Digital's Modules Businesses. The figures given may be regarded as representative of the entire Module Business. The results show an average goal of 1555 hours per DL per year at no overtime, and utilizations and effectivity at 75%, with a plant potential of 1618 and 78% respectively (based on the best reported values).
DOCUMENT STATUS: This document is archived; no future revision is planned.

Metrics: FY'77 - FY'80

DOCUMENT NUMBER: A-SP-ELMFMPM-07-0000 ORDER NUMBER: EL-MFMPM-07
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification compiled by the modules interconnect process management group in Acton, MA. provides a metric breakdown of Digital's 12 modules lines. The specification gives a detailed analysis from FY'77 to budgeted FY'81 [example, Total Module Business; Module & Ration Breakdown by Plant; Modules Plant Breakdown FY'80 Actual to FY'81 budget].
DOCUMENT STATUS: This document is archived; no future revision is planned.

Table 3 (Cont.): Documents Sorted By Order Number

Equipment Configuration Files on Global Assembly

DOCUMENT NUMBER: A-SP-ELMFMPM-08-0000 ORDER NUMBER: EL-MFMPM-08
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: Attached are Equipment configurations on: APST Power Supply tester, Cencorp Power Shear, Fairchild FF303 Test System, Genrad 1795 Test System, Hollis Astra Model 400 16-inch Wave Solder System, Hollis TDC-16A Wave Solder System, Stoeliing, Hydrokleen III Aqueous Cleaner, Teradyne L417A Shorts Test System, Universal Multi-Module Dip Inserter, Universal Uni-Module Dip Inserter, Universal VCD Axial Component Inserter, Yoder Rotary Slitter, Zehntel TS400 Test System.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Module Process Management Manufacturing Training Video Tapes

DOCUMENT NUMBER: A-SP-ELMFMPM-09-0000 ORDER NUMBER: EL-MFMPM-09
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: A synopsis of Training Video Tapes from a Manufacturing Engineering Seminar held in Andover, MA in March, 1980. NOTE: There is a Video Cassette available with each synopsis.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Capacity Study on Mark V Hydraulic Shear

DOCUMENT NUMBER: A-SP-ELMFMPM-10-0000 ORDER NUMBER: EL-MFMPM-10
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification documents in detail the results of a capacity study completed in the Westfield plant on the Mark V Hydraulic Shear. Using constraints, [down time, coffee breaks, others] the study displays a breakdown in determining available production labor hours on the insertion equipment.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Head Count Models

DOCUMENT NUMBER: A-SP-ELMFMPM-11-0000 ORDER NUMBER: EL-MFMPM-11
RELEASED REVISION AND DATE: A, 01-Jun-1981
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Resource Group (TRG)
ABSTRACT: This specification provides the reader with an analysis of a Comparison Study on Head Count Models. The study completed by Ron Bohlin, Chuck Kiezulas, Rich Powers, and Hank Rauch of the Modules Process Department in Acton, MA. provides a breakdown (example: staffing, financial, production) in the formation of three separate module businesses: Standalone; Plant Model; In Plant.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Internal Wire Ink Process - History

DOCUMENT NUMBER: A-SP-ELMFMPM-12-0000 ORDER NUMBER: EL-MFMPM-12
RELEASED REVISION AND DATE: A, 30-Sep-1982
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Debbie Kimball, None/Unknown
ABSTRACT: A time capsule of ECO Wire Ink (WINK) documents, procedures, and services.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Table 3 (Cont.): Documents Sorted By Order Number

PC Board Manufacturing Handbook - Volume 1

DOCUMENT NUMBER: A-MN-ELMFPCB-01-0000 ORDER NUMBER: EL-MFPCB-01
RELEASED REVISION AND DATE: BJ, 10-Sep-1991
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This manual provides a collection of released printed-circuit board fabricated drawings and special feature drawings. These drawings should be used as a guide when designing printed-circuit boards.

PC Board Manufacturing Handbook - Volume 2

DOCUMENT NUMBER: A-MN-ELMFPCB-02-0000 ORDER NUMBER: EL-MFPCB-02
RELEASED REVISION AND DATE: AE, 12-Sep-1985
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Mark Roth, Technical Information Engineering
ABSTRACT: Volume 2 of the PC Board Manufacturing Handbook.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMFPCB-01-0000.

PC Board Manufacturing Handbook - Volume 3

DOCUMENT NUMBER: A-MN-ELMFPCB-03-0000 ORDER NUMBER: EL-MFPCB-03
RELEASED REVISION AND DATE: E, 19-Jun-1984
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Mark Roth, Technical Information Engineering
ABSTRACT: Volume 3 of the PC Board Manufacturing Handbook.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELMFPCB-01-0000.

PC Board Manufacturing Handbook – Assembly Board Drawings

DOCUMENT NUMBER: A-MN-ELMFPCB-04-0000 ORDER NUMBER: EL-MFPCB-04
RELEASED REVISION AND DATE: A, 15-Aug-1991
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Mike Brennan, Technical Services for Manufacturing and Engineering
ABSTRACT: This manual is a collection of assembly board drawings to be used as a guide when designing printed-circuit boards.

Product Reliability and Process Testing

DOCUMENT NUMBER: A-MN-ELMFPRT-00-0000 ORDER NUMBER: EL-MFPRT-00
RELEASED REVISION AND DATE: B, 16-Apr-1984
MANAGEMENT CATEGORY: Reliability Testing (MQR)
RESPONSIBLE PERSON: Tom Glass, Storage Systems Product
ABSTRACT: A self-instructional handbook on design and process control testing. Describes sequence of three tests that will aid in the production of more profitable products. The tests are: 1] Design maturity Test, 2] Process Maturity Test, 3] Life Tests.

Video Cassette Program

DOCUMENT NUMBER: A-MN-ELMFT01-00-0000 ORDER NUMBER: EL-MFT01-00
RELEASED REVISION AND DATE: A, 10-Mar-1981
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Video cassette program that is to be used with the Wave Soldering and Aqueous Cleaner Training Manual, EL-MFT01-TM. Provides introduction and overview, maintenance procedures, and the basic course to train wave soldering and aqueous cleaning system technicians.

Table 3 (Cont.): Documents Sorted By Order Number

Chemical Products for Sale by Digital Equipment Corporation

DOCUMENT NUMBER: A-SP-ELPS405-00-0000 ORDER NUMBER: EL-PS405-00
RELEASED REVISION AND DATE: A, 01-Jun-1984
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Robert Johnson, Corporate Product Safety and Regulations
ABSTRACT: Lists the chemical products that are sold by Digital Equipment Corporation.

Design and Construction Guidelines for Computer Facilities

DOCUMENT NUMBER: A-MN-ELRECFE-UG-0000 ORDER NUMBER: EL-RECFE-UG
RELEASED REVISION AND DATE: A, 03-May-1982
MANAGEMENT CATEGORY: Computer Operations - Space Planning (TKP)
RESPONSIBLE PERSON: Greg Bacon, RECO
ABSTRACT: This guideline has been developed by RECO to provide effective computer systems in cost effective computer rooms.
DOCUMENT STATUS: This document is archived; no future revision is planned.

Standards and Methods Control (SMC) Procedures Manual

DOCUMENT NUMBER: A-MN-ELSM001-00-0000 ORDER NUMBER: EL-SM001-00
RELEASED REVISION AND DATE: E, 24-Apr-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This document outlines the general procedures followed by Standards and Methods Control (SMC) for generating and maintaining EL-class documents. This overview defines the documentation process through revision control, review, reaffirmation, and the approval, sign-off, and release process. This information clarifies the working relationship between the SMC group and its customers for the production of consistent documentation.

Standards and Methods Control (SMC) Order Fulfillment Procedures Manual

DOCUMENT NUMBER: A-MN-ELSM001-02-0000 ORDER NUMBER: EL-SM001-02
RELEASED REVISION AND DATE: C, 27-May-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Maureen Bishop-Elfring, Standards and Methods Control
ABSTRACT: This document describes the procedures of the Standards and Methods Control Order Fulfillment staff including employee distribution, data base management and the History microfiche process.

SMC Procedures for Writers

DOCUMENT NUMBER: A-MN-ELSM001-03-0000 ORDER NUMBER: EL-SM001-03
RELEASED REVISION AND DATE: A, 26-Aug-1987
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Lee Mirkovic, Standards and Methods Control
ABSTRACT: This manual describes the procedures for the start-up, writing, review, publication, and control of EL-class documents [Digital standards, engineering and manufacturing specifications, and manuals] published by Standards and Methods Control (SMC). It includes text formats, style guidelines, the sign-off and release process, and EL-class document revision control.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

Standards and Methods Control (SMC) Style Guide

DOCUMENT NUMBER: A-MN-ELSM001-05-0000 ORDER NUMBER: EL-SM001-05
RELEASED REVISION AND DATE: A, 18-Apr-1989
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Lee Mirkovic, Standards and Methods Control
ABSTRACT: This guide provides SMC personnel with style conventions to help ensure the consistency and quality of technical documentation. This guide is intended to be used by SMC personnel as a primary reference before consulting other style guides.
DOCUMENT STATUS: Caution: Document change is in progress.

Standards and Methods Control Description

DOCUMENT NUMBER: A-GL-ELSM001-08-0000 ORDER NUMBER: EL-SM001-08
RELEASED REVISION AND DATE: B, 17-Aug-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Janis Litchfield, Standards and Methods Control (SMC)
ABSTRACT: This is a one-page description of Standards and Methods Control, including contact names for each service we provide.

Digital Standards Awareness

DOCUMENT NUMBER: A-MN-ELSM001-10-0000 ORDER NUMBER: EL-SM001-10
RELEASED REVISION AND DATE: A, 18-Aug-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control
ABSTRACT: This document provides training information on Digital Standards Awareness. It contains presentation overheads and a guide for the presenter.

Engineering Design Process Standards and Related Documents

DOCUMENT NUMBER: A-MN-ELSM007-00-0000 ORDER NUMBER: EL-SM007-00
RELEASED REVISION AND DATE: P, 12-Aug-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of standards and guidelines related to the design documentation process.

Digital Part and Documentation Identification Standards Manual

DOCUMENT NUMBER: A-MN-ELSM012-00-0000 ORDER NUMBER: EL-SM012-00
RELEASED REVISION AND DATE: W, 06-Jun-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control (SMC)
ABSTRACT: This manual contains standards that define requirements for composition and format of part and documentation identifiers. Requirements for bar code labels on products, modules, subassemblies, units, and related packaging materials for use in product traceability and inventory control are also defined.
DOCUMENT STATUS: Caution: Document change is in progress.

Quality Systems - ISO 9000 Series

DOCUMENT NUMBER: A-MN-ELSM017-00-0000 ORDER NUMBER: EL-SM017-00
RELEASED REVISION AND DATE: A, 05-Aug-1992
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Robert Kennedy, Corporate Quality Office
ABSTRACT: This manual contains the DEC STD 017 series of standards and other documents relating to quality systems. Information includes the policy and requirements for the establishment and use of quality systems per the ISO 9000 series.

Table 3 (Cont.): Documents Sorted By Order Number

Electrical Design Standards and Related Documents

DOCUMENT NUMBER: A-MN-ELSM022-00-0000 ORDER NUMBER: EL-SM022-00
RELEASED REVISION AND DATE: M, 22-Jun-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of standards and related documents that provide electrical design requirements and guidelines.

DEC STD 030 Module Manufacturing Standard

DOCUMENT NUMBER: A-MN-ELSM030-00-0000 ORDER NUMBER: EL-SM030-00
RELEASED REVISION AND DATE: B, 17-Jun-1991
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Kathy Bailey, Applied Module/PWB Technology (AMPT) Producibility
ABSTRACT: EL-SM030-00, DEC STD 030 Module Manufacturing Standard, is Digital's design for manufacturing (DFM) document for PWBs, modules, and backplanes. This manual contains all sections of DEC STD 030 and EL-EN705-00, Footprint Patterns for Surface Mount Technology. The design rules in this standard reflect Digital's volume manufacturing capabilities and do not include new manufacturing processes that have not been characterized for volume manufacturing.

Management of System Products

DOCUMENT NUMBER: A-MN-ELSM038-00-0000 ORDER NUMBER: EL-SM038-00
RELEASED REVISION AND DATE: C, 18-Apr-1990
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of standards and guidelines for new product evaluation and revision management at the system level.

Packaging Design and Related Documents

DOCUMENT NUMBER: A-MN-ELSM043-00-0000 ORDER NUMBER: EL-SM043-00
RELEASED REVISION AND DATE: K, 12-Jul-1991
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of standards, guidelines, and procedures for packaging products for internal and external shipment.

Logic Symbology Manual

DOCUMENT NUMBER: A-MN-ELSM056-00-0000 ORDER NUMBER: EL-SM056-00
RELEASED REVISION AND DATE: D, 04-Apr-1989
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of internal and external standards for symbology used in engineering documentation. In addition to the current sections of DEC STD 056, it contains ANSI and IEEE standards identifying graphic symbols, logic circuit diagrams, and referenced designations.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 070 Video Systems Reference Manual

DOCUMENT NUMBER: A-MN-ELSM070-00-0000 ORDER NUMBER: EL-SM070-00
RELEASED REVISION AND DATE: H, 03-Dec-1991
MANAGEMENT CATEGORY: Terminal Interface Architecture (STI)
RESPONSIBLE PERSON: Peter Sichel, VIPS Terminals Architecture
ABSTRACT: This manual contains The Video Systems Reference Manual (VSRM), a collection of Digital standards relating to the development of video display (interactive) terminals and terminal related products, including printers, personal computers, workstations, and terminal software. Each document in this manual is individually controlled and will be updated as required.

Field Change Order Conventions and Processing

DOCUMENT NUMBER: A-MN-ELSM071-00-0000 ORDER NUMBER: EL-SM071-00
RELEASED REVISION AND DATE: E, 06-Mar-1990
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control (SMC)
ABSTRACT: This manual describes the policies governing the contents and general processing requirements for all Field Change Orders (FCOs). It shows the required contents, format, and approvals required for all FCOs. It defines the categories, level of urgency codes, and generic processing requirements. It established and defines the role and responsibilities of the FCO Process Control Board. Each section describes the specific duties required of each organization involved in implementing FCOs.

Finish and Color Standards Manual

DOCUMENT NUMBER: A-MN-ELSM092-00-0000 ORDER NUMBER: EL-SM092-00
RELEASED REVISION AND DATE: Z, 05-Aug-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual contains the finish standards and color specifications approved for use on Digital products. Each document in this manual is individually controlled.

DEC STD 100 ECO Process and Procedures

DOCUMENT NUMBER: A-MN-ELSM100-00-0000 ORDER NUMBER: EL-SM100-00
RELEASED REVISION AND DATE: H, 21-Jan-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of standards, procedures, and related information required for preparing ECOs for products marketed and manufactured by Digital.

DEC STD 107 Terminal Keyboard Design Standards

DOCUMENT NUMBER: A-MN-ELSM107-00-0000 ORDER NUMBER: EL-SM107-00
RELEASED REVISION AND DATE: B1, 23-Oct-1990
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a collection of terminal keyboard design standards approved for the use on Digital products. All of the documents in this manual are under individual control.

Table 3 (Cont.): Documents Sorted By Order Number

Mechanical Design Standards and Related Documents - Volume 1

DOCUMENT NUMBER: A-MN-ELSM114-01-0000 ORDER NUMBER: EL-SM114-01
RELEASED REVISION AND DATE: S, 03-Apr-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Janis Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of Digital standards and related information required for mechanical design and testing of Digital products. DEC STD 104-0 Product Acoustic Noise Limits is a related document that is not included in this manual because it is not generally distributed within Digital. EL-SM114-02 is a compilation of industry standards adopted by Digital that relate to mechanical drawing requirements.

Mechanical Design Standards and Related Documents - Volume 2

DOCUMENT NUMBER: A-MN-ELSM114-02-0000 ORDER NUMBER: EL-SM114-02
RELEASED REVISION AND DATE: D, 24-Aug-1990
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of industry standards adopted by Digital that relate to mechanical drawing requirements. A-MN-ELSM114-01-0 is a compilation of Digital's mechanical design standards and industry standards adopted by Digital for mechanical design.

Workmanship Standards Manual - Volume 1

DOCUMENT NUMBER: A-MN-ELSM116-01-0000 ORDER NUMBER: EL-SM116-01
RELEASED REVISION AND DATE: J, 20-Sep-1992
MANAGEMENT CATEGORY: Workmanship (MQW)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This manual contains workmanship standards to be applied in the manufacture and maintenance of Digital products. DEC STD 116-8 Workmanship Standards Manual - Technical Data provides the criteria for interpretation of technical data and identification marks in manufacturing. It is not to be confused with DEC STD 178 Digital Identification Marking Requirements which outlines marking requirements for Digital products.

Corporate Product Safety and Regulations - Volume 1 Information Processing and Business Equipment

DOCUMENT NUMBER: A-MN-ELSM119-01-0000 ORDER NUMBER: EL-SM119-01
RELEASED REVISION AND DATE: H, 01-May-1992
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This volume contains sections 0, 1, and 2 of DEC STD 119 Digital Product Safety. Each document in this handbook is controlled individually. The material in this handbook will be updated as required. Volume 2 contains referenced Digital documents required by DEC STD 119. Volume 3 contains the standards related to industrial control equipment. UL1950, Safety of Information Technology Equipment Including Electrical Business Equipment that is to be used in conjunction with DEC STD 119 can be ordered as EL-EN711-00 from Standards and Methods Control using VTX SMC.

Digital Product Safety Design Handbook, Volume 2

DOCUMENT NUMBER: A-MN-ELSM119-02-0000 ORDER NUMBER: EL-SM119-02
RELEASED REVISION AND DATE: M, 30-Jun-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This volume contains documents related to DEC STD 119 Digital Product Safety Standard. Each document in this handbook is controlled individually. The material in this handbook will be updated as required.

Table 3 (Cont.): Documents Sorted By Order Number

Digital Product Safety Design Handbook, Volume 3

DOCUMENT NUMBER: A-MN-ELSM119-03-0000 ORDER NUMBER: EL-SM119-03
RELEASED REVISION AND DATE: B, 29-Apr-1991
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: Michael Neuffer, Corporate Product Safety and Regulations
ABSTRACT: This volume contains sections 0, 1, and 2 of DEC STD 080 Digital Product Safety - Industrial Control Equipment. Each document in this handbook is controlled individually. The material will be updated as required.

DEC STD 140 Documentation, Data, and Release Requirements for Printed-Wiring Boards, Modules, and Backplanes

DOCUMENT NUMBER: A-MN-ELSM140-00-0000 ORDER NUMBER: EL-SM140-00
RELEASED REVISION AND DATE: A, 14-Oct-1991
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: J.Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of Digital documents that define the minimum documentation, data, and release requirements for 50-class printed-wiring boards (PWBs), 54-class modules and backplanes, and 70-class backplanes and PWB assemblies, to ensure the timely flow of accurate data from design engineering to manufacturing.

Printed-Wiring Board Manual

DOCUMENT NUMBER: A-MN-ELSM176-00-0000 ORDER NUMBER: EL-SM176-00
RELEASED REVISION AND DATE: B1, 07-Jan-1992
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Gerald G. Gagnon, Corporate Printed-Wiring Board Group
ABSTRACT: This manual contains standards that relate to printed-wiring boards. This section describes how to use the manual, how to provide inputs, and describes the Printed-Wiring Board Standards Committee Charter and operating procedures.
DOCUMENT STATUS: Caution: Document change is in progress.

DEC STD 178 Digital Identification Marking Requirements Manual

DOCUMENT NUMBER: A-MN-ELSM178-00-0000 ORDER NUMBER: EL-SM178-00
RELEASED REVISION AND DATE: P, 30-Jun-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual contains documents regarding general and specific marking requirements for Digital's products. It identifies the part or product categories that have unique marking requirements, defines their specific requirements, and identifies the organizations responsible for providing technical support. Each document in this manual is individually controlled.

Design Drafting Process Standards and Related Documents

DOCUMENT NUMBER: A-MN-ELSM182-00-0000 ORDER NUMBER: EL-SM182-00
RELEASED REVISION AND DATE: S, 26-Sep-1990
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of design drafting process standards and related documents.

Table 3 (Cont.): Documents Sorted By Order Number

Digital Repair Process and Procedures

DOCUMENT NUMBER: A-MN-ELSM265-00-0000 ORDER NUMBER: EL-SM265-00
RELEASED REVISION AND DATE: H, 26-Feb-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control (SMC)
ABSTRACT: This manual is a compilation of standards and documents that describe standard repair procedures for modules, backplanes, connector blocks, and other components used in Digital products.

Guide to Metallic Raw Material Selection - Volume 1

DOCUMENT NUMBER: A-MN-ELSM321-01-0000 ORDER NUMBER: EL-SM321-01
RELEASED REVISION AND DATE: H, 08-Nov-1991
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Richard J. Ceremsak, Advanced Materials and Process Technology
ABSTRACT: This guide includes DEC STD 048-0 and a compilation of GS specifications required by that standard to aid in the selection of metallic raw materials used in the design and manufacture of products. It also includes other Digital documents related to raw material selection. Volume 2 contains ASTM documentation.

Guide to Raw Metallic Material Section - Volume 2

DOCUMENT NUMBER: A-MN-ELSM321-02-0000 ORDER NUMBER: EL-SM321-02
RELEASED REVISION AND DATE: H, 04-Oct-1991
MANAGEMENT CATEGORY: Raw Materials/Mechanical Technology (HPM)
RESPONSIBLE PERSON: Richard J. Ceremsak, Advanced Materials and Process Technology
ABSTRACT: Volume 2 of the Guide to Raw Metallic Material Selection contains many of the ASTM specifications referenced in Volume 1.
DOCUMENT STATUS: Cannot be ordered separately. See A-MN-ELSM321-01-0000.

General International Area Environmental Health and Safety Policies and Standards Manual

DOCUMENT NUMBER: A-MN-ELSM407-00-0000 ORDER NUMBER: EL-SM407-00
RELEASED REVISION AND DATE: D, 06-Jun-1992
MANAGEMENT CATEGORY: Environmental Health and Safety (MEH)
RESPONSIBLE PERSON: Jerry Gaudet, GIA Environmental Health and Safety
ABSTRACT: This manual is a compilation of documents that provide the GIA Environmental Health and Safety Policies and Standards. They include administrative information, safety and industrial hygiene, environmental, and hazardous material and dangerous goods.

Software and Hardware Documentation Standards

DOCUMENT NUMBER: A-MN-ELSM470-00-0000 ORDER NUMBER: EL-SM470-00
RELEASED REVISION AND DATE: T, 07-Feb-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of standards that contain information for developing software and hardware documentation.

Reliability Standards and Related Documents

DOCUMENT NUMBER: A-MN-ELSM473-00-0000 ORDER NUMBER: EL-SM473-00
RELEASED REVISION AND DATE: D, 29-Jun-1989
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control (SMC)
ABSTRACT: This manual is a compilation of reliability standards and related documentation.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

Telecommunications - Design Standards

DOCUMENT NUMBER: A-MN-ELSM474-00-0000 ORDER NUMBER: EL-SM474-00
RELEASED REVISION AND DATE: H, 14-Oct-1991
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of Digital standards that cover design of serial line terminals and serial line terminal interface characteristics used in telecommunications products.

Engineering Product Compliance Standards and Related Documents - Volume 1

DOCUMENT NUMBER: A-MN-ELSM475-01-0000 ORDER NUMBER: EL-SM475-01
RELEASED REVISION AND DATE: N, 09-Jul-1990
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of standards and documents that define the policies, procedures, and requirements for handling products that are non-compliant with Digital standards.

Engineering Product Compliance Standards and Related Documents - Volume 2

DOCUMENT NUMBER: A-MN-ELSM475-02-0000 ORDER NUMBER: EL-SM475-02
RELEASED REVISION AND DATE: P, 22-Jul-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of standards that describe policies and procedures for assuring product design compliance with national and international regulations and standards.

Manufacturing Plant and Process Qualifications

DOCUMENT NUMBER: A-MN-ELSM478-00-0000 ORDER NUMBER: EL-SM478-00
RELEASED REVISION AND DATE: C, 08-Feb-1990
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This manual is a compilation of manufacturing plant and process qualification documents.

Manufacturing Plant Operations Standards and Related Documents

DOCUMENT NUMBER: A-MN-ELSM479-00-0000 ORDER NUMBER: EL-SM479-00
RELEASED REVISION AND DATE: M, 24-Jan-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control (SMC)
ABSTRACT: This manual is a compilation of standards and related documents that apply to manufacturing plant operations and administration.

Producing International Products Reference Set

DOCUMENT NUMBER: A-MN-ELSM498-00-0000 ORDER NUMBER: EL-SM498-00
RELEASED REVISION AND DATE: B, 01-Apr-1989
MANAGEMENT CATEGORY: Country Requirements (HRI)
RESPONSIBLE PERSON: Claude Pesquet, International Systems Engineering
ABSTRACT: This book provides guidelines to assist in the design of international products. These guidelines highlight the current international technical requirements for products that will be sold in the United States of America, in Europe, in General International Area countries, or any combination thereof.

Table 3 (Cont.): Documents Sorted By Order Number

Digital Supplier Certification Program

DOCUMENT NUMBER: A-MN-ELSM520-00-0000 ORDER NUMBER: EL-SM520-00
RELEASED REVISION AND DATE: B, 23-Oct-1989
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Stan Znamierowski, Digital Services - CSL Purchasing
ABSTRACT: This manual includes an outline of the plans, activities, and performance measurements required for an external supplier to achieve and maintain a controlled, problem-preventing manufacturing system, the procedure for determining the certification of an external supplier, and checklists detailing process and support criteria used to assess a supplier's manufacturing system.

Catalog of Digital Standards and Related EL-Class Documents

DOCUMENT NUMBER: A-GL-ELSMCAT-00-0000 ORDER NUMBER: EL-SMCAT-00
RELEASED REVISION AND DATE: F, 06-Mar-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This catalog lists manuals available from Standards and Methods Control. The manuals listed in this catalog can be ordered from Standards and Methods Control via VTX SMC. The cross-reference section indicates which manual contains which Digital standards and related documents. Updates to these manuals are distributed as their contents are revised.

Standards and Methods Control Document Listings

DOCUMENT NUMBER: A-MN-ELSMDEX-00-0000 ORDER NUMBER: EL-SMDEX-00
RELEASED REVISION AND DATE: N, 15-Sep-1991
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This document lists Digital standards, EL- and 76-class specifications, and EL- class manuals maintained by Standards and Methods Control. A subject index is included. References to all documents contain the latest version dates for the document. Standards and Methods Control is reaffirming those Digital standards with an expiration date prior to 10-Oct-1992.
DOCUMENT STATUS: Caution: Document change is in progress.

Digital Local Area Network Architecture Standards

DOCUMENT NUMBER: A-MN-ELSMLAN-00-0000 ORDER NUMBER: EL-SMLAN-00
RELEASED REVISION AND DATE: A, 10-Jan-1990
MANAGEMENT CATEGORY: Digital Network Architecture (SN)
RESPONSIBLE PERSON: Tony Lauck, Distributed System Architecture
ABSTRACT: This manual is a compilation of documents related to the Digital (CSMA/CD) (Ethernet) Local Area Network Specification.

Administrative Guide to Software Product Retirement

DOCUMENT NUMBER: A-DG-ELSP540-00-0000 ORDER NUMBER: EL-SP540-00
RELEASED REVISION AND DATE: A, 31-Mar-1989
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: Karen Flannery, Software Products Group
ABSTRACT: This guide describes a process that can be used as a tool when reaching Phase 4B and Phase 5 of a product's life cycle.

Table 3 (Cont.): Documents Sorted By Order Number

New Product Introduction Process Recommendation and Reference Document

DOCUMENT NUMBER: A-MN-ELSS205-00-0000 ORDER NUMBER: EL-SS205-00
RELEASED REVISION AND DATE: A, 30-Jul-1985
MANAGEMENT CATEGORY: Product Management Process Requirements (TPR)
RESPONSIBLE PERSON: G.Cordeiro, NPIP Task Team
ABSTRACT: This report summarizes the activities of a multi-disciplined task force that studied the new product introduction process over a 12-month period. It includes the process description, data gathered, decision analysis, and conclusions drawn from the study.

UNIX-Based Systems and Software Manufacturing (USSM) Ship Hold Procedure

DOCUMENT NUMBER: A-SP-ELSSM01-00-0000 ORDER NUMBER: EL-SSM01-00
RELEASED REVISION AND DATE: B, 02-Aug-1991
MANAGEMENT CATEGORY: Manufacturing Plant Operations (MPO)
RESPONSIBLE PERSON: Mark LaRocco, USSM Quality Assurance
ABSTRACT: This document identifies the conditions, communication linkages, and decision point necessary to place a USSM product on hold.

Session Support Utility (SSU) Support Guide

DOCUMENT NUMBER: A-MN-ELSSU01-00-0000 ORDER NUMBER: EL-SSU01-00
RELEASED REVISION AND DATE: A, 30-Apr-1987
MANAGEMENT CATEGORY: Terminals (ST)
RESPONSIBLE PERSON: Joe Biggs, Video Terminals
ABSTRACT: A reference guide for Digital personnel responsible for supporting Digital Equipment Corporation's Session Support Utility (SSU).

CAD Systems Engineering Course Descriptions

DOCUMENT NUMBER: A-MN-ELVT001-00-0000 ORDER NUMBER: EL-VT001-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Computer Operations - General (TK)
RESPONSIBLE PERSON: Wayne Moniz, CAD Systems Engineering (CADSE)
ABSTRACT: No Abstract Available

Communications Reference Guide

DOCUMENT NUMBER: A-MN-ELVT002-00-0000 ORDER NUMBER: EL-VT002-00
RELEASED REVISION AND DATE: A, 01-Mar-1991
MANAGEMENT CATEGORY: Computer Operations - General (TK)
RESPONSIBLE PERSON: Nancy Williams, Media Communications Group (MCG)
ABSTRACT: The Communications Reference Guide describes Digital's communications organizations, the interrelationship of the communications disciplines, and the corporation's strategies for integrating promotional messages. As an alternative to ordering a copy of this document, you can instead access this information in VTX COMMGUIDE.

General International Area Policies Manual

DOCUMENT NUMBER: A-MN-ELVT003-00-0000 ORDER NUMBER: EL-VT003-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Corporate Policies (TCP)
RESPONSIBLE PERSON: Carole M. Ellis, CAS Sales/Marketing Support
ABSTRACT: No Abstract Available
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

DEC STD 072-0 Corporate POM (Point of Manufacturing) Requirements - VTX Infobase

DOCUMENT NUMBER: A-MN-ELVT006-00-0000 ORDER NUMBER: EL-VT006-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Corporate Policies (TCP)
RESPONSIBLE PERSON: David Sullivan, U.S Manufacturing, Engineering, and Technology
ABSTRACT: No Abstract Available

Corporate Policies Manual

DOCUMENT NUMBER: A-MN-ELVT007-00-0000 ORDER NUMBER: EL-VT007-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Corporate Policies (TCP)
RESPONSIBLE PERSON: Ruth Greenberg, Customer Service Finance
ABSTRACT: No Abstract Available

General International Area Sales Measurements and Recognition Programs Handbook - NOR Version

DOCUMENT NUMBER: A-MN-ELVT008-00-0000 ORDER NUMBER: EL-VT008-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Digital Services Requirements (FR)
RESPONSIBLE PERSON: Denise Battat, General International Area (GIA) Sales
ABSTRACT: This describes how GIA salespeople are goaled and measured for FY93 and the FY93 recognition programs to recognize outstanding sales efforts.
DOCUMENT STATUS: Caution: Document change is in progress.

GIA Resource Guide for Sales and Marketing

DOCUMENT NUMBER: A-MN-ELVT009-00-0000 ORDER NUMBER: EL-VT009-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Process and Project Management Processes (TP)
RESPONSIBLE PERSON: Denise Battat, General International Area Sales and Marketing
ABSTRACT: No Abstract Available

Methods, Tools, Training Abstract Library—VTX Infobase

DOCUMENT NUMBER: A-MN-ELVT010-00-0000 ORDER NUMBER: EL-VT010-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Corporate Policies (TCP)
RESPONSIBLE PERSON: Rod Guldenstern, Methods, Tools, and Training
ABSTRACT: No Abstract Available

PC Interoperability Guide

DOCUMENT NUMBER: A-MN-ELVT011-00-0000 ORDER NUMBER: EL-VT011-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Ron Thorpe, PC Interoperability Engineering
ABSTRACT: No Abstract Available

Table 3 (Cont.): Documents Sorted By Order Number

Digital Enterprise-Wide Serviceability Working Model - VTX Infobase

DOCUMENT NUMBER: A-MN-ELVT012-00-0000 ORDER NUMBER: EL-VT012-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: Board, Module, and Backplane (HPB)
RESPONSIBLE PERSON: Gail Lively, DEWS
ABSTRACT: This Digital Enterprise-Wide (DEWS) Working Model is a reference source/tool and provides the serviceability engineer with a repository of generic, enterprise-wide, serviceability engineering attributes. These attributes have been gathered throughout the corporation, reviewed and categorized using the top-down approach. By using this approach, the customer's total business solution, a multi-vendor environment, is considered.

Digital Technical Journal - VTX Application

DOCUMENT NUMBER: A-MN-ELVT014-00-0000 ORDER NUMBER: EL-VT014-00
RELEASED REVISION AND DATE: A, 30-Sep-1991
MANAGEMENT CATEGORY: VAX System Architecture and Interconnect (SHV)
RESPONSIBLE PERSON: Jane Blake, Corporate Research and Architecture
ABSTRACT: No Abstract Available

Digital's Process for the Management of Technical Standards and Related Documentation

DOCUMENT NUMBER: A-DS-ELX0001-00-0000 ORDER NUMBER: EL-X0001-00
RELEASED REVISION AND DATE: A, 11-Mar-1991 EXPIRATION DATE: 11-Mar-1993
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control (SMC)
ABSTRACT: This document describes Digital's process for the management of Digital technical standards and related documents. It is an external version of DEC STD 001-0, Rev M (16-Jul-1990).

Digital's Process for the Management of Technical Standards and Related Documentation (German version)

DOCUMENT NUMBER: A-DS-ELX0001-50-0000 ORDER NUMBER: EL-X0001-50
RELEASED REVISION AND DATE: A, 26-May-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control
ABSTRACT: This document describes Digital's process for the management of Digital technical standards and related documents. It is an external version of DEC STD 001-0, Rev M (16-Jul-1990), written in the German language.

Digital's Process for the Management of Technical Standards and Related Documentation (Dutch version)

DOCUMENT NUMBER: A-DS-ELX0001-51-0000 ORDER NUMBER: EL-X0001-51
RELEASED REVISION AND DATE: A, 26-May-1992
MANAGEMENT CATEGORY: Standards Administration Documentation (TDA)
RESPONSIBLE PERSON: Eric Williams, Standards and Methods Control
ABSTRACT: This document describes Digital's process for the management of Digital technical standards and related documents. It is an external version of DEC STD 001-0, Rev M (16-Jul-1990), written in the Dutch language.

Table 3 (Cont.): Documents Sorted By Order Number

Product RAMP Requirements

DOCUMENT NUMBER: A-DS-ELX0091-00-0000 ORDER NUMBER: EL-X0091-00
RELEASED REVISION AND DATE: A, 10-Jun-1991
MANAGEMENT CATEGORY: Digital Services Requirements (FR)
RESPONSIBLE PERSON: Bill Bazemore, Customer Service Systems Engineering
ABSTRACT: This document defines a set of Reliability, Availability, Maintainability Program (RAMP) requirements to be used by cross-functional hardware and software product teams in the selection of the product attributes needed to support both customer requirements and service business objectives and strategies. This standard presents a minimum set of product RAMP and software/firmware support requirements to be considered: it is not intended to be all-inclusive. This document is an external version of DEC STD 091-0, Rev A.

Alignment of Gold Contacts on Circuit Boards - Inspection

DOCUMENT NUMBER: A-SP-7665002-00-0000 ORDER NUMBER: 76-65002-00
RELEASED REVISION AND DATE: INIT, 18-Jul-1968
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Guido Mardones, Process Quality Assurance
ABSTRACT: Provides inspection procedure for alignment of gold contacts on circuit board.

Solder Mask - Process Specification

DOCUMENT NUMBER: A-SP-7665004-00-0000 ORDER NUMBER: 76-65004-00
RELEASED REVISION AND DATE: INIT, 18-Jul-1968
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Guido Mardones, Process Quality Assurance
ABSTRACT: This specification provides procedures to be used on silk screening solder mask material for printed circuit boards.

Gold Plating - Process Specification

DOCUMENT NUMBER: A-SP-7665005-00-0000 ORDER NUMBER: 76-65005-00
RELEASED REVISION AND DATE: INIT, 18-Jul-1968
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Guido Mardones, Process Quality Assurance
ABSTRACT: This specification describes the process used to gold plate the contacts on Digital's flip-chip modules.

Motor Balancing - Manufacturing Standard

DOCUMENT NUMBER: A-SP-7665020-00-0000 ORDER NUMBER: 76-65020-00
RELEASED REVISION AND DATE: INIT, 02-Jan-1969
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Bevins, Customer Services
ABSTRACT: Provides a method to determine if a motor will meet vibration specifications and procedures used in balancing hubs and discs.

Chromicoat and Irridite Finish - Touch-up

DOCUMENT NUMBER: A-SP-7665022-00-0000 ORDER NUMBER: 76-65022-00
RELEASED REVISION AND DATE: A, 29-Dec-1978
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Bevins, Customer Services
ABSTRACT: This procedure explains a method in which chromicoated, alodine or irridite finishes can be touched up due to scratches showing bare metal on aluminum, zinc, or zinc plated parts.

Table 3 (Cont.): Documents Sorted By Order Number

Test Procedure Format for Power Supplies

DOCUMENT NUMBER: A-SP-7665024-00-0000 ORDER NUMBER: 76-65024-00
RELEASED REVISION AND DATE: INIT, 23-Jan-1969
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: Arthur Hamill, Manufacturing Operations
ABSTRACT: This specification outlines the format to be used for writing power supply (power control) test procedures.

Wire-wrap Tooling Calibration Procedure

DOCUMENT NUMBER: A-SP-7665027-00-0000 ORDER NUMBER: 76-65027-00
RELEASED REVISION AND DATE: B, 17-May-1982
MANAGEMENT CATEGORY: Test Equipment Maintenance and Calibration (MTC)
RESPONSIBLE PERSON: R.Bernaby, Manufacturing Operations
ABSTRACT: This specification establishes the procedures, guidelines, and calibration rules for wire-wrap tooling.

Delay Timer (Power Supply, Power Control) - How to Connect It and How It Works

DOCUMENT NUMBER: A-SP-7665030-00-0000 ORDER NUMBER: 76-65030-00
RELEASED REVISION AND DATE: INIT, 07-Apr-1969
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: R. Cygan, Manufacturing Operations
ABSTRACT: Provides procedures on how it works and how to connect it to various units.

Power Supply Control Model - Acceptance Procedure

DOCUMENT NUMBER: A-SP-7665031-00-0000 ORDER NUMBER: 76-65031-00
RELEASED REVISION AND DATE: INIT, 01-May-1969
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: Arthur Hamill, Manufacturing Operations
ABSTRACT: This procedure establishes the method in which power supply and power control models are built and quality control accepted prior to release to production.

Diode, Transistor, and Dual-In-Line Package (DIP) Charts

DOCUMENT NUMBER: A-SP-7665035-00-0000 ORDER NUMBER: 76-65035-00
RELEASED REVISION AND DATE: E, 01-Jul-1975
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: B.Nolan, Terminals Component Engineering
ABSTRACT: Provides procedures for charts that are made as an aid to Field Service people and all other concerned with component replacement.

Requirements and Workmanship Standards for Power Supplies

DOCUMENT NUMBER: A-SP-7665038-00-0000 ORDER NUMBER: 76-65038-00
RELEASED REVISION AND DATE: A, 18-Jun-1970
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: Don Bevins, Manufacturing Operations
ABSTRACT: This specification establishes the minimum requirements and workmanship standards for power supply purchase specifications.

Procedure for Use of Module Inspection Gages

DOCUMENT NUMBER: A-SP-7665042-00-0000 ORDER NUMBER: 76-65042-00
RELEASED REVISION AND DATE: A, 08-Jun-1973
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification outlines the different types of module printed circuit board and module assembly inspection gages and their usage.

Table 3 (Cont.): Documents Sorted By Order Number

Control of Fixtures Used in Fabrication Shops - Qc Procedure

DOCUMENT NUMBER: A-SP-7665060-00-0000 ORDER NUMBER: 76-65060-00
RELEASED REVISION AND DATE: INIT, 14-Aug-1970
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Bevins, Customer Services
ABSTRACT: Provides procedure for quality control of fixtures used in fabrication shops.

Date Coding Material

DOCUMENT NUMBER: A-SP-7665064-00-0000 ORDER NUMBER: 76-65064-00
RELEASED REVISION AND DATE: B, 13-May-1977
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Debbie Kimball, None/Unknown
ABSTRACT: Procedure for marking that will be a means of identifying the age of material based on the date of receipt at Digital.

Diode Forward Recovery Test Setup

DOCUMENT NUMBER: A-SP-7665065-00-0000 ORDER NUMBER: 76-65065-00
RELEASED REVISION AND DATE: INIT, 18-Nov-1970
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Jim Keaney, None/Unknown
ABSTRACT: This procedure covers the test set-up and operation of equipment to conduct forward recovery testing of Diodes.

Operating Instructions for Water Bath Thermal Shock and Drying Oven

DOCUMENT NUMBER: A-SP-7665066-00-0000 ORDER NUMBER: 76-65066-00
RELEASED REVISION AND DATE: D, 12-Sep-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: W.J.Martin, None/Unknown
ABSTRACT: Procedure to be used by Incoming Inspection for the purpose of operating the Harris Thermal Shocker and the Despatch Drying Oven.

Corrective Action Request Procedure

DOCUMENT NUMBER: A-SP-7665069-00-0000 ORDER NUMBER: 76-65069-00
RELEASED REVISION AND DATE: A, 02-Jun-1977
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: None/Unknown, None/Unknown
ABSTRACT: It is the purpose of this procedure to define the use of the Corrective Action Request as a means of reporting a problem to a responsible person or group for corrective action.

Procedure for Processing Non-Conforming Material and In-Process Waiver

DOCUMENT NUMBER: A-SP-7665075-00-0000 ORDER NUMBER: 76-65075-00
RELEASED REVISION AND DATE: B, 01-Apr-1978
MANAGEMENT CATEGORY: Quality, General (MQ)
RESPONSIBLE PERSON: Robert Kennedy, Corporate Quality Office
ABSTRACT: This procedure describes the process for generating and reporting a Vendor Corrective Action Request (VCAR).
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

Cable Location Labeling

DOCUMENT NUMBER: A-SP-7665111-00-0000 ORDER NUMBER: 76-65111-00
RELEASED REVISION AND DATE: B, 15-May-1981
MANAGEMENT CATEGORY: Systems (MAI)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification provides guidelines for labeling the ends of both ribbon and round cables, to assist others in the task of properly mating cables and equipment.

DK8-EA Acceptance Procedure

DOCUMENT NUMBER: A-SP-7665126-00-0000 ORDER NUMBER: 76-65126-00
RELEASED REVISION AND DATE: INIT, 01-Apr-1971
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: R.E.Durkee, Unknown
ABSTRACT: Provides information for DK8-EA acceptance procedure.

PC8-E Acceptance Procedure

DOCUMENT NUMBER: A-SP-7665129-00-0000 ORDER NUMBER: 76-65129-00
RELEASED REVISION AND DATE: INIT, 23-Feb-1971
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: Lawrence Narhi, Low End Systems/Technology
ABSTRACT: Provide information for PC8E acceptance procedure.

PC8-E Acceptance Procedure (Field)

DOCUMENT NUMBER: A-SP-7665138-00-0000 ORDER NUMBER: 76-65138-00
RELEASED REVISION AND DATE: INIT, 18-May-1971
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: Lawrence Narhi, Low End Systems/Technology
ABSTRACT: Provides information for PC8-E acceptance procedure.

DEC Integrated Circuit Test System

DOCUMENT NUMBER: A-SP-7665160-00-0000 ORDER NUMBER: 76-65160-00
RELEASED REVISION AND DATE: INIT, 17-Nov-1971
MANAGEMENT CATEGORY: Incoming Inspection (MCI)
RESPONSIBLE PERSON: Vic Valenti, GIA Manufacturing
ABSTRACT: Provide procedure for DEC integrated circuit test system.

KI-10 Ground Plane Process

DOCUMENT NUMBER: A-SP-7665161-00-0000 ORDER NUMBER: 76-65161-00
RELEASED REVISION AND DATE: INIT, 14-Mar-1973
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: D.O'Connor, Unavailable
ABSTRACT: Provide information for KI-10 Ground Plane process.

Acceptance Test Procedure - Teradyne Pulse Parametric Test

DOCUMENT NUMBER: A-SP-7665162-00-0000 ORDER NUMBER: 76-65162-00
RELEASED REVISION AND DATE: INIT, 30-Nov-1971
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Vic Valenti, GIA Manufacturing
ABSTRACT: Provides information for Acceptance Test Procedure - Teradyne Pulse Parametric Test System S257S.

Table 3 (Cont.): Documents Sorted By Order Number

Automatic Handler Attachment for Teradyne S257s Test

DOCUMENT NUMBER: A-SP-7665163-00-0000 ORDER NUMBER: 76-65163-00
RELEASED REVISION AND DATE: INIT, 29-Feb-1972
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Vic Valenti, GIA Maunfacturing
ABSTRACT: Provides information for Automatic Handler Attachment for Teradyne S257S Test System.

Teradyne J259/S257S Operating Procedure

DOCUMENT NUMBER: A-SP-7665164-00-0000 ORDER NUMBER: 76-65164-00
RELEASED REVISION AND DATE: INIT, 01-Mar-1972
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Vic Valenti, GIA Maunfacturing
ABSTRACT: Specification provides Teradyne J259/S257S Operating Procedure.

Emulsion Protection System

DOCUMENT NUMBER: A-SP-7665178-00-0000 ORDER NUMBER: 76-65178-00
RELEASED REVISION AND DATE: INIT, 30-May-1973
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Guido Mardones, GIA Maunfacturing
ABSTRACT: Provide procedure for Emulsion Protection System.

W900 Electrical Test Procedure

DOCUMENT NUMBER: A-SP-7665179-00-0000 ORDER NUMBER: 76-65179-00
RELEASED REVISION AND DATE: INIT, 12-Sep-1972
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: R.Jones, None/Unknown
ABSTRACT: The purpose of this procedure is to provide a test sequence that will indicate shorts between the power and ground planes and show continuity from a gold contact to its appropriate inner plane.

Specification of Liquid Medium - Thermal Shock Chamber

DOCUMENT NUMBER: A-SP-7665182-00-0000 ORDER NUMBER: 76-65182-00
RELEASED REVISION AND DATE: INIT, 13-Oct-1972
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Vic Valenti, None/Unknown
ABSTRACT: Provide information for Liquid Medium Thermal Shock Chamber.

Solder Resist Application

DOCUMENT NUMBER: A-SP-7665189-00-0000 ORDER NUMBER: 76-65189-00
RELEASED REVISION AND DATE: INIT, 15-May-1973
MANAGEMENT CATEGORY: Board Manufacture (MB)
RESPONSIBLE PERSON: Guido Mardones, GIA Maunfacturing
ABSTRACT: Provides procedure for Solder Resist Application.

11/05 XOR Tester Operation and Module Repair Procedure

DOCUMENT NUMBER: A-SP-7665193-00-0000 ORDER NUMBER: 76-65193-00
RELEASED REVISION AND DATE: INIT, 19-Dec-1972
MANAGEMENT CATEGORY: Unclassified Process Documents (MOK)
RESPONSIBLE PERSON: R.Jones, Unavailable
ABSTRACT: This specification describes testing and repair of modules M7260 and M7261 on the 11/05 XOR tester.

Table 3 (Cont.): Documents Sorted By Order Number

Component Engineering Life Test System - Performance Specification

DOCUMENT NUMBER: A-SP-7665196-00-0000 ORDER NUMBER: 76-65196-00
RELEASED REVISION AND DATE: INIT, 23-Aug-1973
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Dick Amann, None/Unknown
ABSTRACT: This document outlines the performance specifications and acceptance criteria for a semiconductor high temperature operating life test system to be used for component evaluation and qualification.

Process Specification for the Manufacture of Pulse

DOCUMENT NUMBER: A-SP-7665198-00-0000 ORDER NUMBER: 76-65198-00
RELEASED REVISION AND DATE: INIT, 20-Oct-1970
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Rao Yedavalli, Manufacturing Operations
ABSTRACT: A pulse transformer is a transformer which transmits pulses of voltage or current with some reasonable degree of fidelity to wave shape, or to shape an input pulse into an arbitrary output waveform.

Process Compatibility Test Method

DOCUMENT NUMBER: A-SP-7665212-00-0000 ORDER NUMBER: 76-65212-00
RELEASED REVISION AND DATE: F, 29-Jul-1981
MANAGEMENT CATEGORY: Components (HPX)
RESPONSIBLE PERSON: J. Belliveau, Unknown
ABSTRACT: This specification references the test methods that have superseded each of the test methods originally described in this specification.

J384 System Specification

DOCUMENT NUMBER: A-SP-7665230-00-0000 ORDER NUMBER: 76-65230-00
RELEASED REVISION AND DATE: INIT, 15-Feb-1974
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Joseph Zeh, Information Systems Business Engineering
ABSTRACT: The Teradyne J384 Test System is a dedicated computer controlled semi-conductor RAM tester.

J384 Test Specification - Test Capability for DEC Part No. 21-10732-0-0

DOCUMENT NUMBER: A-SP-7665230-00-0001 ORDER NUMBER: 76-65230-00-0001
RELEASED REVISION AND DATE: INIT, 26-Nov-1974
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Diet Ringleb, Semiconductor Interconnect Technology
ABSTRACT: This specification describes the capabilities, equipment, and procedures used to test DEC #21-10732-0-0 (Intel 1103-1).

J384 Test Specification - Test Procedure for DEC Part No. 19-11502-0-0

DOCUMENT NUMBER: A-SP-7665230-00-0002 ORDER NUMBER: 76-65230-00-0002
RELEASED REVISION AND DATE: INIT, 03-Jan-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Diet Ringleb, Manufacturing Operations
ABSTRACT: This specification describes the capabilities, equipment and procedures used to test 19-11502-0-0 (10144ECL 256 x 1 RAM MEMORY) on the J384.

Table 3 (Cont.): Documents Sorted By Order Number

J384 Test Specification - Test Capability for DEC Part No. 21-11318-00, 21-11318-01, and 21-11318-02

DOCUMENT NUMBER: A-SP-7665230-00-0003 ORDER NUMBER: 76-65230-00-0003
RELEASED REVISION AND DATE: B, 01-Jun-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: This specification describes the procedures used to test DEC 21-11318-00, -01, and -02 1K Static RAMS.

J384 Test Specification - Test Procedure for DEC Part No. 19-11626-00-0

DOCUMENT NUMBER: A-SP-7665230-00-0004 ORDER NUMBER: 76-65230-00-0004
RELEASED REVISION AND DATE: INIT, 11-Feb-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: This specification describes the capabilities, equipment and procedures used to test 19-11626-0-0 (10147ECL 128 x 1 RAM MEMORY) on the J384.

J384 Test Specification - Test Procedure for DEC Part No. 19-12069-0-0

DOCUMENT NUMBER: A-SP-7665230-00-0005 ORDER NUMBER: 76-65230-00-0005
RELEASED REVISION AND DATE: INIT, 23-Jan-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: This specification describes the capabilities, equipment, and procedures used to test 19-12069-0-0 (256x1 RAM, open collector, schottky memory) on the J384.

J384 Test Specification - Test Procedure for DEC Part No. 19-11503-0-0

DOCUMENT NUMBER: A-SP-7665230-00-0006 ORDER NUMBER: 76-65230-00-0006
RELEASED REVISION AND DATE: INIT, 23-Jan-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: This specification describes the capabilities, equipment, and procedures used to test 19-11503-0-0 (10145ECL 16 x 4 RAM MEMORY) on the J384.

J384 Test Specification - Test Procedure for DEC Part No. 19-10818-0-0

DOCUMENT NUMBER: A-SP-7665230-00-0007 ORDER NUMBER: 76-65230-00-0007
RELEASED REVISION AND DATE: INIT, 25-Feb-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: Provides procedure for J384 Spec. - Test Procedure for DEC Part # 19-10818-0-0.

J384 Test Specification - Test Capability

DOCUMENT NUMBER: A-SP-7665230-00-0008 ORDER NUMBER: 76-65230-00-0008
RELEASED REVISION AND DATE: INIT, 25-Apr-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Richard Smith, Manufacturing Operations
ABSTRACT: This specification describes the procedures used to test DEC 19-10653-0-0 Bipolar 16 x 4 static RAMS.

J384 Test Specification - Test Capability for DEC Part No. 19-10396

DOCUMENT NUMBER: A-SP-7665230-00-0009 ORDER NUMBER: 76-65230-00-0009
RELEASED REVISION AND DATE: INIT, 13-Aug-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Richard Smith, Manufacturing Operations
ABSTRACT: This specification describes the procedures used to test DEC 19-10396-0-0 Bipolar 16 x 4 static RAMS.

Table 3 (Cont.): Documents Sorted By Order Number

J384 Test Specification - Test Capability for DEC Part No. 19-12459

DOCUMENT NUMBER: A-SP-7665230-00-0010 ORDER NUMBER: 76-65230-00-0010
RELEASED REVISION AND DATE: INIT, 13-Aug-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: This specification describes the procedures used to test DEC 19-12459 1K Bipolar RAMS.

J384 Test Specification - Test Capability for DEC Part 23-XXXA1, A2, A0

DOCUMENT NUMBER: A-SP-7665230-00-0011 ORDER NUMBER: 76-65230-00-0011
RELEASED REVISION AND DATE: INIT, 13-Aug-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Richard Smith, Manufacturing Operations
ABSTRACT: This specification describes the procedure(s) used to test DEC 23-A1, A2, A8, A9, B1.

J384 Test Specification - Test Capability for DEC Part No. 21-12323-0-0

DOCUMENT NUMBER: A-SP-7665230-00-0012 ORDER NUMBER: 76-65230-00-0012
RELEASED REVISION AND DATE: INIT, 21-May-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: This specification describes the procedures used to test DEC 21-12323-0-0 256 word x 4 bit static RAMS.

J384 Test Specification - Test Procedure for DEC Part No. 19-126610-2

DOCUMENT NUMBER: A-SP-7665230-00-0013 ORDER NUMBER: 76-65230-00-0013
RELEASED REVISION AND DATE: INIT, 13-Aug-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: This specification describes the capabilities, equipment, and procedures used to test 19-126610-2 (16 x 4 Tri-state RAM, Memory) on the J384.

Silk Screen Artwork Procedure

DOCUMENT NUMBER: A-SP-7665233-00-0000 ORDER NUMBER: 76-65233-00
RELEASED REVISION AND DATE: A, 08-Feb-1979
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Paul Jenkins, Unknown
ABSTRACT: This specification describes the process used by the Silk Screen Drafting Department in generation artwork.

Miniature & Subminiature Incandescent Lamps

DOCUMENT NUMBER: A-SP-7665251-00-0000 ORDER NUMBER: 76-65251-00
RELEASED REVISION AND DATE: INIT, 28-Oct-1974
MANAGEMENT CATEGORY: Components (HPX)
RESPONSIBLE PERSON: Dick Amann, None/Unknown
ABSTRACT: The intent of this document is to provide a general guideline with respect to miniature and subminiature incandescent lamps.

Handling and Soldering Requirements for 12-11670 Lead-acid Battery

DOCUMENT NUMBER: A-SP-7665252-00-0000 ORDER NUMBER: 76-65252-00
RELEASED REVISION AND DATE: INIT, 27-Dec-1974
MANAGEMENT CATEGORY: Test Equipment Maintenance and Calibration (MTC)
RESPONSIBLE PERSON: Pete Mercado, None/Unknown
ABSTRACT: The purpose of this specification to establish general requirements for soldering and in-line handling of 1211670 lead-acid batteries.

Table 3 (Cont.): Documents Sorted By Order Number

Engineering Test BT34B - Resistor Flameproof Specification

DOCUMENT NUMBER: A-SP-7665253-00-0000 ORDER NUMBER: 76-65253-00
RELEASED REVISION AND DATE: INIT, 26-Nov-1974
MANAGEMENT CATEGORY: Product Safety (HRS)
RESPONSIBLE PERSON: T.DeLorenzo, Unavailable
ABSTRACT: To provide a comprehensive test for the qualification of resistors to flammability requirements.

Use and Application of the Actual Cost Jobs Closes or Transfers

DOCUMENT NUMBER: A-SP-7665254-00-0000 ORDER NUMBER: 76-65254-00
RELEASED REVISION AND DATE: INIT, 11-Aug-1975
MANAGEMENT CATEGORY: Systems (MAI)
RESPONSIBLE PERSON: J.Worthington, Computer Sys.Mfg.Eng.(CSME)
ABSTRACT: This specification describes the use and application of the Actual Cost Jobs Closes or Transfers Form under three Accounting Transaction Codes, 245, 246, 247.

'Selections and Specification' - Guideline for Connectors/Interconnecting Components

DOCUMENT NUMBER: A-SP-7665260-00-0000 ORDER NUMBER: 76-65260-00
RELEASED REVISION AND DATE: INIT, 04-Mar-1975
MANAGEMENT CATEGORY: Components (HPX)
RESPONSIBLE PERSON: Dave Bundy, Unavailable
ABSTRACT: This document is intended to act as a guideline in the selection and/or specification of connectors/interconnecting components. Because of the numerous variety of interconnection components presently available this guideline cannot be all inclusive in a specific sense; however, the information contained herein is felt to be representative of the 'common denominator' parameters of key importance when selecting or specifying interconnection components.

Process Maturity Test Specification

DOCUMENT NUMBER: A-SP-7665268-00-0000 ORDER NUMBER: 76-65268-00
RELEASED REVISION AND DATE: INIT, 15-May-1975
MANAGEMENT CATEGORY: Reliability Testing (MQR)
RESPONSIBLE PERSON: Roger Lawson, Unknown
ABSTRACT: This specification outlines the general procedures to be followed to conduct a process maturity test (96 hour burn-in) of Digital products.

Design Maturity Test Specification

DOCUMENT NUMBER: A-SP-7665268-00-0001 ORDER NUMBER: 76-65268-00-0001
RELEASED REVISION AND DATE: INIT, 14-May-1975
MANAGEMENT CATEGORY: Reliability Testing (MQR)
RESPONSIBLE PERSON: Roger Lawson, None/Unknown
ABSTRACT: This specification outlines the general contents and procedures to be followed to prepare a test plan to measure and improve the reliability (MTBF - mean time between failures) of Digital products.

Continuity Test - Integrated Circuits

DOCUMENT NUMBER: A-SP-7665269-00-0000 ORDER NUMBER: 76-65269-00
RELEASED REVISION AND DATE: A, 30-Sep-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Nelson Velez, Manufacturing Operations
ABSTRACT: This procedure defines the method of performing continuity tests for wire bond integrity on plastic Digital ICs.

Table 3 (Cont.): Documents Sorted By Order Number

Sequencer Output Centering Requirements - Procedure

DOCUMENT NUMBER: A-SP-7665270-00-0000 ORDER NUMBER: 76-65270-00
RELEASED REVISION AND DATE: INIT, 30-Jun-1975
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document is intended to define the actual requirements on component centering which must be met for reliable insertion of each component using a VCD. This does not reflect any cosmetic value for consistent centering of the components within the holes on the board after insertion. Nor does it allow for variation in dimension 'B' within a sequence.

Teradyne T317 Acceptance and Accuracy Test Procedure

DOCUMENT NUMBER: A-SP-7665272-00-0000 ORDER NUMBER: 76-65272-00
RELEASED REVISION AND DATE: INIT, 08-Jul-1975
MANAGEMENT CATEGORY: Test Equipment Maintenance and Calibration (MTC)
RESPONSIBLE PERSON: Bill Norris, None/Unknown
ABSTRACT: The procedure establishes a method of acceptance and verification of accuracy of the T317 transistor tester in accordance with specification as stated in the T317 instruction manual.

Data I/O Programming Capabilities for PROMs

DOCUMENT NUMBER: A-SP-7665274-00-0000 ORDER NUMBER: 76-65274-00
RELEASED REVISION AND DATE: INIT, 11-Sep-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: M.Misiaszek, LSI Test and Assembly
ABSTRACT: This procedure describes PROM programming on DATA I/O Model V prom programmer.

S3260 Test Specification - Test Capabilities for TP1 Wafer

DOCUMENT NUMBER: A-SP-7665275-00-0000 ORDER NUMBER: 76-65275-00
RELEASED REVISION AND DATE: INIT, 25-Sep-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: D.Ringleb, Semiconductor and Interconnnect Technology
ABSTRACT: This specification describes the equipment and procedures used to test the TPI wafer.

Operating Instructions for the Electroglas 1034 Wafer Prober

DOCUMENT NUMBER: A-SP-7665276-00-0000 ORDER NUMBER: 76-65276-00
RELEASED REVISION AND DATE: INIT, 22-Oct-1975
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: D.Ringleb, Semiconductor and Interconnnect Technology
ABSTRACT: This specification contains the basic instructions for using the Electroglas 1034 B automatic prober in the B option mode and in the automatic mode.

Writing 7665 Specifications: Format Requirements and Content Guidelines

DOCUMENT NUMBER: A-SP-7665287-00-0000 ORDER NUMBER: 76-65287-00
RELEASED REVISION AND DATE: B, 25-Oct-1980
MANAGEMENT CATEGORY: Manufacturing Documentation (TDM)
RESPONSIBLE PERSON: Jan Litchfield, Standards and Methods Control
ABSTRACT: This specification describes format requirements and content guidelines for Process Engineering, Maintenance, and Process Operator Specifications. This specification applies only to 7665 series Engineering Specifications.

Table 3 (Cont.): Documents Sorted By Order Number

Hollis Astra Wave Soldering System Specification

DOCUMENT NUMBER: A-SP-7665295-00-0000 ORDER NUMBER: 76-65295-00
RELEASED REVISION AND DATE: A, 15-Feb-1980
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: Purpose of this procedure is to assist Digital manufacturing in purchasing and accepting the Hollis Astra Model 400 Wave Soldering System.

On-going Reliability Assurance Procedure

DOCUMENT NUMBER: A-SP-7665296-00-0000 ORDER NUMBER: 76-65296-00
RELEASED REVISION AND DATE: A, 05-Mar-1981
MANAGEMENT CATEGORY: Reliability Testing (MQR)
RESPONSIBLE PERSON: Roger Lawson, None/Unknown
ABSTRACT: The purpose of this specification is to document the minimum acceptable on-going reliability tests and demonstrations needed to verify continuing product performance.

Touch-up Procedure for Air Dry and Aerosol Paints

DOCUMENT NUMBER: A-SP-7665303-00-0000 ORDER NUMBER: 76-65303-00
RELEASED REVISION AND DATE: INIT, 10-Jan-1979
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Dana DeBlois, Materials Research Lab
ABSTRACT: The following process describes the use and/or application of aerosol touch-up paint to conform with DEC STD 092.

Guidelines for Writing a Power Supply Test Requirements Specification

DOCUMENT NUMBER: A-SP-7665305-00-0000 ORDER NUMBER: 76-65305-00
RELEASED REVISION AND DATE: INIT, 26-Jan-1979
MANAGEMENT CATEGORY: AC Power Requirements and Entry (HRP)
RESPONSIBLE PERSON: K.Wheatly, None/Unknown
ABSTRACT: This specification details acceptance conditions and rejection criteria. It specifies the minimum number of tests required to verify adherence of the power supply under test to the engineering specification. Tests described must be conducted under ambient conditions rather than worst case conditions.

SSI S3260 Operating Procedure

DOCUMENT NUMBER: A-SP-7665307-00-0000 ORDER NUMBER: 76-65307-00
RELEASED REVISION AND DATE: INIT, 29-Mar-1977
MANAGEMENT CATEGORY: Test Methods (MCT)
RESPONSIBLE PERSON: Vic Valenti, Unavailable
ABSTRACT: This document is intended to provide Incoming Inspection with enough information to successfully use the TEKTRONIX S3260 Integrated Circuit Tester.

System Specification for Smog-Hog Venting

DOCUMENT NUMBER: A-SP-7665313-00-0000 ORDER NUMBER: 76-65313-00
RELEASED REVISION AND DATE: B, 01-Feb-1983
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification is designed to assist Digital personnel in purchasing a Smog-Hog ventilation system to be used with the Hollis wave soldering unit.

Table 3 (Cont.): Documents Sorted By Order Number

'Paves' Instructions for Completing 'Transfer and Flow Form'

DOCUMENT NUMBER: A-SP-7665314-00-0000 ORDER NUMBER: 76-65314-00
RELEASED REVISION AND DATE: B, 21-Feb-1981
MANAGEMENT CATEGORY: Incoming Inspection (MCI)
RESPONSIBLE PERSON: Vic Valenti, GIA Manufacturing
ABSTRACT: Instructions for completing 'PAVES Transfer and Flow Form'.

Purchase Specification Conveyer

DOCUMENT NUMBER: A-SP-7665315-00-0000 ORDER NUMBER: 76-65315-00
RELEASED REVISION AND DATE: INIT, 19-May-1977
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document is to assist DEC facilities in the purchase of a transfer conveyor to be used between the Hollis Wave soldering system and the Aqueous Cleaner to form a complete board transfer system.

Vendor Calibration Facility Audit Checklist

DOCUMENT NUMBER: A-SP-7665321-00-0000 ORDER NUMBER: 76-65321-00
RELEASED REVISION AND DATE: INIT, 20-Sep-1977
MANAGEMENT CATEGORY: Test Equipment Maintenance and Calibration (MTC)
RESPONSIBLE PERSON: Bill Norris, Unavailable
ABSTRACT: This procedure provides a checklist form and summary section for recommendation to the user of a vendor calibration facility on the ability and extent of the facilities services.

Procedure for Handling Government Source Inspection Acceptance

DOCUMENT NUMBER: A-SP-7665322-00-0000 ORDER NUMBER: 76-65322-00
RELEASED REVISION AND DATE: INIT, 15-Sep-1977
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Gene Mondani, Manufacturing Operations
ABSTRACT: This procedure provides clarification and guidance for processing and handling government source inspection.

Government Pre-Award Survey Procedure

DOCUMENT NUMBER: A-SP-7665323-00-0000 ORDER NUMBER: 76-65323-00
RELEASED REVISION AND DATE: INIT, 17-Aug-1977
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Bob Kennedy, Unavailable
ABSTRACT: To establish a standard procedure for conducting government pre-award survey.

Manufacturing Systems Assessment (MSA) Procedure - Checklist

DOCUMENT NUMBER: A-SP-7665326-00-0000 ORDER NUMBER: 76-65326-00
RELEASED REVISION AND DATE: C, 16-Feb-1984
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: S.Wooster, Group Certification Program Managers
ABSTRACT: This procedure is used in support of the Digital Certification Policy (A-SP-7665327-0-0). The Certification Policy provides broad guidelines and expectations for achieving Certification. The MSA details the process-related expectations which are listed in the Certification Policy. This procedure provides a uniform method for assessing manufacturing plant capabilities.
DOCUMENT STATUS: Caution: Document change is in progress.

Table 3 (Cont.): Documents Sorted By Order Number

Certification Policy

DOCUMENT NUMBER: A-SP-7665327-00-0000 ORDER NUMBER: 76-65327-00
RELEASED REVISION AND DATE: D, 12-Oct-1983
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Bob Wallace, Quality Program Management
ABSTRACT: This specification provides an overview of the plans, activities, and performance measurements necessary to achieve and maintain certification.

Ship Cost Analysis

DOCUMENT NUMBER: A-SP-7665327-01-0000 ORDER NUMBER: 76-65327-01
RELEASED REVISION AND DATE: INIT, 02-Feb-1978
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Unknown, Unknown
ABSTRACT: Define and illustrate the relationship of terms necessary for understanding the ship-cost warranty assessment. Illustrate how ship-cost is used as a tool for measuring product FA&T/Warranty expenses impacted by changes to quality and reliability.

Airvac Module Rework System - Process Operator Procedure

DOCUMENT NUMBER: A-SP-7665330-00-0000 ORDER NUMBER: 76-65330-00
RELEASED REVISION AND DATE: A, 10-Nov-1980
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification describes the process for removing and replacing components during module rework, using the AIR-VAC Module Rework System.

Repair Procedure for Wire Insulation and/or Conductor Damage

DOCUMENT NUMBER: A-SP-7665332-00-0000 ORDER NUMBER: 76-65332-00
RELEASED REVISION AND DATE: INIT, 22-Mar-1978
MANAGEMENT CATEGORY: Cables and Harnesses (MAC)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: The purpose of this specification is to establish a procedure that will allow us to salvage transformers, motors, ribbon cables, etc., that have previously been scrapped only because of damaged insulation or conductors.

Zinc Plating and Chromate Treatment: Inspection Procedure

DOCUMENT NUMBER: A-SP-7665333-00-0000 ORDER NUMBER: 76-65333-00
RELEASED REVISION AND DATE: A, 23-Jan-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Fred Spring, None/Unknown
ABSTRACT: This specification describes procedures for inspecting parts that have been zinc plated and treated with chromate. Included are procedures for drawing test samples, visually inspecting parts, testing thickness, and adhesion.

Pace Desoldering System - Process Operator Procedure

DOCUMENT NUMBER: A-SP-7665334-00-0000 ORDER NUMBER: 76-65334-00
RELEASED REVISION AND DATE: A, 24-Nov-1980
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification describes how to remove solder from PC boards in the module rework process, using the PACE Desoldering System.

Table 3 (Cont.): Documents Sorted By Order Number

Cable/Harness Assembly Process Handbook

DOCUMENT NUMBER: A-SP-7665339-00-0000 ORDER NUMBER: 76-65339-00
RELEASED REVISION AND DATE: INIT, 30-Dec-1977
MANAGEMENT CATEGORY: Cables and Harnesses (MAC)
RESPONSIBLE PERSON: Michael D. Brennan, Technical Resource Group (TRG)
ABSTRACT: The purpose of this specification is to provide the Process Engineer with a single piece of reference material whereby he/she can locate all the necessary information required to set-up, expand, operate and/or maintain a standard cable/harness assembly process.

Vendor Material Deviation Request

DOCUMENT NUMBER: A-SP-7665340-00-0000 ORDER NUMBER: 76-65340-00
RELEASED REVISION AND DATE: INIT, 11-Oct-1977
MANAGEMENT CATEGORY: Incoming Inspection (MCI)
RESPONSIBLE PERSON: Vic Valenti, None/Unknown
ABSTRACT: This specification establishes the criteria for processing and reviewing nonconforming material from vendors prior to shipment of material.

Preliminary Documentation Postcard Procedure

DOCUMENT NUMBER: A-SP-7665341-00-0000 ORDER NUMBER: 76-65341-00
RELEASED REVISION AND DATE: INIT, 24-Jan-1978
MANAGEMENT CATEGORY: Systems (MAI)
RESPONSIBLE PERSON: J.Worthington, Computer Sys.Mfg.Eng.(CSME)
ABSTRACT: The purpose of this procedure is to allow the shipment of preliminary or pre-release documentation without the need for a Product Line/Field Service waiver.

Test Requirements for Equipment Released From Z Stock

DOCUMENT NUMBER: A-SP-7665342-00-0000 ORDER NUMBER: 76-65342-00
RELEASED REVISION AND DATE: INIT, 24-Jan-1978
MANAGEMENT CATEGORY: Systems (MAI)
RESPONSIBLE PERSON: J.Worthington, Computer Sys.Mfg.Eng.(CSME)
ABSTRACT: This specification defines the test and inspection requirements for equipment released from stock (customer hold area). It is imperative that the equipment be stored in a secure area to insure protection from tampering or pilferage.

Instructions and Completing 'Transfer and Flow Form'

DOCUMENT NUMBER: A-SP-7665344-00-0000 ORDER NUMBER: 76-65344-00
RELEASED REVISION AND DATE: A, 01-Jun-1978
MANAGEMENT CATEGORY: Incoming Inspection (MCI)
RESPONSIBLE PERSON: Unknown, Unknown
ABSTRACT: Instructions for completing Transfer and Flow Form.

Supplier Quality Survey - Metals Fabrication

DOCUMENT NUMBER: A-SP-7665345-00-0000 ORDER NUMBER: 76-65345-00
RELEASED REVISION AND DATE: A, 02-Jun-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Falkowski, Customer Services
ABSTRACT: This specification contains all of the necessary forms and procedures to obtain sufficient information to determine whether or nor a particular vendor has the POTENTIAL ONLY to provide Digital with a quality part.

Table 3 (Cont.): Documents Sorted By Order Number

Preliminary Purchasing Survey

DOCUMENT NUMBER: A-SP-7665345-01-0000 ORDER NUMBER: 76-65345-01
RELEASED REVISION AND DATE: A, 02-Jun-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Falkowski, Customer Services
ABSTRACT: Prior to sending out a team to survey a vendor, preliminary information should be obtained and reviewed to determine whether or not there is justification to commit time and money to conduct a survey. This section contains the necessary forms to obtain that information.

General Information

DOCUMENT NUMBER: A-SP-7665345-02-0000 ORDER NUMBER: 76-65345-02
RELEASED REVISION AND DATE: A, 02-Jun-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Falkowski, Customer Services
ABSTRACT: This section contains basic information for all of the processes in this document. Its intent is to provide knowledge to those who are not familiar with, or have little experience in, the various processes.

Quality Survey - General

DOCUMENT NUMBER: A-SP-7665345-03-0000 ORDER NUMBER: 76-65345-03
RELEASED REVISION AND DATE: A, 02-Jun-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Falkowski, Customer Services
ABSTRACT: This survey format is suitable for surveys on general machining, grinding, wire forming, sheet metal, welding, etc.

Castings Quality Survey

DOCUMENT NUMBER: A-SP-7665345-04-0000 ORDER NUMBER: 76-65345-04
RELEASED REVISION AND DATE: A, 02-Jun-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Falkowski, Customer Services
ABSTRACT: This section is suitable for surveys of suppliers of castings.

Metal Plating/Conversion Coating

DOCUMENT NUMBER: A-SP-7665345-05-0000 ORDER NUMBER: 76-65345-05
RELEASED REVISION AND DATE: A, 02-Jun-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Falkowski, Customer Services
ABSTRACT: This section is suitable for surveys of suppliers of metal platings and conversion coatings.

Organic Coating Quality Survey

DOCUMENT NUMBER: A-SP-7665345-06-0000 ORDER NUMBER: 76-65345-06
RELEASED REVISION AND DATE: A, 02-Jun-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Falkowski, Customer Services
ABSTRACT: This section is suitable for surveys of suppliers of organic coatings.

Table 3 (Cont.): Documents Sorted By Order Number

Plastics Quality Survey

DOCUMENT NUMBER: A-SP-7665345-07-0000 ORDER NUMBER: 76-65345-07
RELEASED REVISION AND DATE: A, 02-Jun-1981
MANAGEMENT CATEGORY: Paints and Finishes (HPF)
RESPONSIBLE PERSON: Don Falkowski, Customer Services
ABSTRACT: This section is suitable for surveys of plastics suppliers.

Installation Audit Procedure

DOCUMENT NUMBER: A-SP-7665349-00-0000 ORDER NUMBER: 76-65349-00
RELEASED REVISION AND DATE: INIT, 26-Jul-1978
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Unknown, Unknown
ABSTRACT: Provides procedure for Installation Audit Procedure.

Systems Manufacturing Final Product Audit

DOCUMENT NUMBER: A-SP-7665350-00-0000 ORDER NUMBER: 76-65350-00
RELEASED REVISION AND DATE: A, 29-Aug-1980
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Bob Bettez, Manufacturing Operations
ABSTRACT: This specification provides the policy and procedures for conducting final product audits in Systems Manufacturing facilities. It includes a description of the audit analysis and review processes.

Populated Board Short Tester - System Description

DOCUMENT NUMBER: A-SP-7665352-00-0000 ORDER NUMBER: 76-65352-00
RELEASED REVISION AND DATE: A, 01-Apr-1981
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Ken Lowman, None/Unknown
ABSTRACT: This specification describes the Populated-board Short Tester and provides additional information concerning its use in the module manufacturing process.

Populated Board Short Tester - Operation

DOCUMENT NUMBER: A-SP-7665352-01-0000 ORDER NUMBER: 76-65352-01
RELEASED REVISION AND DATE: A, 01-Apr-1981
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Ken Lowman, None/Unknown
ABSTRACT: This specification provides general operational information for the Populated-board Short Tester used in the module manufacturing process.

Populated Board Short Tester - Ordering Information

DOCUMENT NUMBER: A-SP-7665352-02-0000 ORDER NUMBER: 76-65352-02
RELEASED REVISION AND DATE: A, 01-Apr-1981
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Rich Powers, Computer Systems Mfg Eng (CSME)
ABSTRACT: This specification provides standard system and option ordering information for the Populated-board Short Tester used in the module manufacturing process.

FF303 In-Circuit Tester - Introduction Plan

DOCUMENT NUMBER: A-SP-7665370-00-0000 ORDER NUMBER: 76-65370-00
RELEASED REVISION AND DATE: B, 22-Sep-1982
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Ken Lowman, Manufacturing Operations
ABSTRACT: This specification consists of three sections. This section describes the FF303 In-Circuit Tester, explains its functions, specifies the requirements for a suitable site, and describes the acceptance test procedure.

Table 3 (Cont.): Documents Sorted By Order Number

FF303 In-Circuit Ordering Procedure

DOCUMENT NUMBER: A-SP-7665370-01-0000 ORDER NUMBER: 76-65370-01
RELEASED REVISION AND DATE: A, 14-Sep-1981
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Ken Lowman, Manufacturing Operations
ABSTRACT: This section describes the procedure to be used to order an FF303 In-Circuit Tester.

FF303 In-Circuit Tester - On-Site Acceptance

DOCUMENT NUMBER: A-SP-7665370-02-0000 ORDER NUMBER: 76-65370-02
RELEASED REVISION AND DATE: A, 14-Sep-1981
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Ken Lowman, Manufacturing Operations
ABSTRACT: This section describes the procedure to be used for on-site acceptance of an FF303 In-Circuit Tester.

Inner Layer Shorts Rework Procedure

DOCUMENT NUMBER: A-SP-7665372-00-0000 ORDER NUMBER: 76-65372-00
RELEASED REVISION AND DATE: A, 21-Dec-1981
MANAGEMENT CATEGORY: Modules, Process Related (MAMP)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document describes a procedure for repairing inner layer shorts between plated-through holes and inner layer ground or power planes.

Source Inspection - Policy and Procedures

DOCUMENT NUMBER: A-SP-7665373-00-0000 ORDER NUMBER: 76-65373-00
RELEASED REVISION AND DATE: A, 10-Feb-1982
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Don Sheehan, Manufacturing Operations
ABSTRACT: This specification defines the policy and procedures that govern inspection at the vendor site (source inspection) by Digital or contract inspectors of vendor-supplied materials.

Quality Audit Procedure: Systems Manufacturing Function Product Audit Plan

DOCUMENT NUMBER: A-SP-7665378-00-0000 ORDER NUMBER: 76-65378-00
RELEASED REVISION AND DATE: A, 28-Oct-1981
MANAGEMENT CATEGORY: Quality Program Management (MQQ)
RESPONSIBLE PERSON: Joe Moscinski, Unavailable
ABSTRACT: This specification provides the policy and procedures for conducting functional product audits in Systems Manufacturing facilities. It includes a description of the audit analysis and review processes.

FF333 In-Circuit Tester - Introduction Plan

DOCUMENT NUMBER: A-SP-7665381-00-0000 ORDER NUMBER: 76-65381-00
RELEASED REVISION AND DATE: A, 30-Sep-1982
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification provides information necessary for manufacturing groups and plants to successfully introduce the Fairchild FF333 In-Circuit Test System into their process. The information includes an introduction plan, acceptance procedures, ordering procedures, vacuum fixture requirements, and software tools.

Table 3 (Cont.): Documents Sorted By Order Number

FF333 In-Circuit Tester - Ordering Procedure

DOCUMENT NUMBER: A-SP-7665381-01-0000 ORDER NUMBER: 76-65381-01
RELEASED REVISION AND DATE: A, 30-Sep-1982
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This section describes the procedure and part numbers to be used when ordering an FF333 In-Circuit Test System.

FF333 In-Circuit On-Site Acceptance

DOCUMENT NUMBER: A-SP-7665381-02-0000 ORDER NUMBER: 76-65381-02
RELEASED REVISION AND DATE: A, 30-Sep-1982
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This section details on-site acceptance procedures to be followed to accept an FF333 In-Circuit Tester.

FF3X3 In-Circuit Tester - Vacuum Fixture Requirements - Operation and Maintenance

DOCUMENT NUMBER: A-SP-7665381-03-0000 ORDER NUMBER: 76-65381-03
RELEASED REVISION AND DATE: A, 30-Sep-1982
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This document includes the performance, operation and maintenance requirements for the FF303 and FF333 In-Circuit Tester Vacuum Fixture.

FF3x3 In-Circuit Tester - Software Tools

DOCUMENT NUMBER: A-SP-7665381-04-0000 ORDER NUMBER: 76-65381-04
RELEASED REVISION AND DATE: A, 30-Sep-1982
MANAGEMENT CATEGORY: Modules, Equipment Related (MAME)
RESPONSIBLE PERSON: Steve Spaulding, Technical Services for Manufacturing and Engineering (TME)
ABSTRACT: This specification describes software tools currently available for generating the following parts of an FF303 or FF333 test package: a] Test Fixture, b] Test Program, c] Test Patterns. CAD/CAM tools, output files, and FF3X3 software are also discussed to add continuity to the total process flow.

GR 2272 In-circuit Tester - Acceptance

DOCUMENT NUMBER: A-SP-7665382-00-0000 ORDER NUMBER: 76-65382-00
RELEASED REVISION AND DATE: A, 01-Mar-1982
MANAGEMENT CATEGORY: Test (MT)
RESPONSIBLE PERSON: Walt Carlson, None/Unknown
ABSTRACT: This specification is used by Digital and GenRad personnel to perform GR 2272 In-Circuit Tester acceptance tests.

5 DOCUMENTATION SOURCES

The following is a list of sources for document often used within Digital, but not available from SMC.

- ANSI, IEC, and ISO Documents
  American National Standards Institute (ANSI),
  1430 Broadway, New York, NY 10018,
  Telephone (212) 354-3300 x479
- American Society for Testing and Materials (ASTM),
  1916 Race Street,
  Philadelphia, PA 19103
- Canadian Standards Association (CSA), Standards Sales,
  178 Rexdale,
  Ontario, Canada M9W1R3,
  Telephone (416) 744-4044
- CCITT documents: International Telecommunications Union, Secretariat CCITT,
  Place Des Nations CH - 1211
  Geneve 20, Switzerland
  Tel. +41 22 99 51 11, Telex 421000 (UIT CH)
- Central Specification Control Systems
  (NRO5/M2), any Microfilm Reference File, or the SPOC System
- Electronic Industries Association (EIA),
  2001 Eye Street, NW,
  Washington, DC 20006, USA
- Federal Standards, Military Standards, Naval Publications, and Forms Center:
  5801 Tabor Avenue
  Philadelphia, PA 19120
  Telephone (215) 697-3321
- Institute of Electrical and Electronic Engineers, Inc. (IEEE),
  445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855,
  Telephone 1-800-678-IEEE
- National Fire Protection Association (FPA),
  Batterymarch Park, Quincy, MA 02269,
  Attention Publications Sales Division,
  Telephone (617) 328-9230
- Office of the Chief Engineer, MLO3-2/H15,
  DTN: 223-2047, IPOVAX::HANLEY
- Publishing and Circulation Services,
  DTN: 249-4403 or 249-4753
- Software Supply Business (SSB) Order Administration,
  WMO/E15, using Internal Software order form EN-01740-07
- The Naval Publications and Forms Center
  5801 Tabor Ave., Philadelphia, PA 19120

- Underwriters Laboratories (UL), Publications Stock,
  33 Pfingsten Road, Northbrook, IL 60062,
  Telephone (312) 272-8800, x2612 or x2622
- VDE-Verlag Gmbh, 1 berlin 12,
  Charlottenburg, Germany: or
  Technical Help to Exportes, British Standards Institution,
  Marylands Avenue, Hemel Hempstead, Herts, England

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