

**AEROSPACE
STANDARD
AMENDMENT**

SAE AS85485-A1

Issued 2004-12

Cable, Electric, Filter Line,
Radio Frequency Absorptive

FSC 6145

1. Present Requirement: 2.1 Government documents, Page 5

Not specified

Change Requirement: 2.1 Government documents, Page 5 before "MIL-C-43616 Cleaning --- Surface" add

MIL-W-29606 Wire, Electrical, Stranded, Uninsulated Copper, Copper Alloy, or Aluminum, or Thermocouple Extension, General Specification For

and after "MIL-C-43616 Cleaning --- Surface" add

MIL-T-83133 Turbine Fuel, Aviation, Kerosene Types, NATO F-34 (JP-8) and NATO F-35

Rationale for Change: Incorporate Department of the Navy Engineering Position Letter Ser: 10380 DP704N/M-60 M51.05 of 11 July 1994, and 10380 444-CBH/dj/oa M50.80-1 of AUG 17 1972, respectively

2. Present Requirement: 2.1 Government documents, Page 6

MIL-STD-105 Sampling Procedures & Tables for Inspection Attributes

Change Requirement: 2.1 Government documents, Page 6

Delete MIL-STD-105

Rationale for Change: Incorporate Department of the Navy Engineering Position Letter Ser: 456300C60-BS50.93 dated SEP 29 1995

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3. Present Requirement: 2.1.2 Other Government documents, drawings, and publications, Page 7

Not specified

Change Requirement: 2.1.2 Other Government documents, drawings, and publications, Page 7 after "(Copies ----- officer.)"

SD-6 Provisions Governing Qualification

(Application for copies should be addressed to the Standardization Documents Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

Rationale for Change: To include Qualification Activity requirement

4. Present Requirement: 2.2 Other publications, Page 7

Not specified

Change Requirement: 2.2 Other publications, Page 7 add after "D1133-77 Standard --- Ketone."

D3032 Standard Test Methods for Hookup Wire Insulation

Rationale for Change: Navy letter 10380 DP704n-CBH/AT50.93 of 16 March 1993

5. Present Requirement: 2.2 Other publications, Page 7

Not specified

Change Requirement: Other publication on Page 7 after "(Copies --- 19103.)".

American Society for Quality Control

ASQC Z1.4 Sampling Procedures and Tables for Inspection by Attributes

(Application for copies should be addressed to the American Society of Quality Control, PO Box 3005, 611 East Wisconsin Ave, Milwaukee, WI 53201-46004)

Rationale for Change: Incorporate Department of the Navy Engineering Position Letter Ser: 456300C60-BS50.93 dated SEP 29 1995

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6. Present Requirement: Table 1 on Page 11 footnote 1

1/ Nominal values are for information only. Nominal values are not requirements

Change Requirement: Table 1 on Page 11 change footnote 1 to the following:

1/ Nominal values are for information only. Conductor circular mil area requirements are in accordance with MIL-W-29606.

Rationale for Change: Navy letter 10380 444-CBH/dj/0a M50.80-1 of AUG 17 1992

7. Present Requirement: 4.4.1.4 Inspection levels and acceptable quality levels (AQL) (Groups I and II tests), Page 21

For Group I characteristics, including the insulation resistance test, the inspection level shall be S-2 and the AQL shall be 6.5 percent defective units in accordance with MILSTD-105. For Group II characteristics, the inspection level shall be S-3 and the AQL shall be 1.5 percent defective units.

Change Requirement: 4.4.1.4 Inspection levels and acceptable quality levels (AQL) (Groups I and II tests), Page 21

For Group I characteristics, including the insulation resistance test, the inspection level shall be S-2 and the AQL shall be 6.5 percent defective units in accordance with ANSI/ASQC Z1.4. For Group II characteristics, the inspection level shall be S-3 and the AQL shall be 1.5 percent defective units. Major and minor defects shall be as defined herein (see 6.4).

Rationale for Change: Incorporate Department of the Navy Engineering Position Letter Ser: 456300C60-BS50.93 dated SEP 29 1995

8. Present Requirement: 4.4.2 Nonconforming inspection lots, Page 22

Disposition of inspection lots found unacceptable under initial quality conformance inspection shall be in accordance with MIL-STD-105.

Change Requirement: 4.4.2 Nonconforming inspection lots, Page 22

Disposition of inspection lots found unacceptable under initial quality conformance inspection shall be in accordance with ANSI/ASQC Z1.4.

Rationale for Change: Incorporate Department of the Navy Engineering Position Letter Ser: 456300C60-BS50.93 dated SEP 29 1995

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9. Present Requirement: TABLE VIII. Immersion test fluids, Item (d), Page 35

MIL-T-5624, Turbine Fuel, Aviation, Grade JP-4

Change Requirement: TABLE VIII. Immersion test fluids, Item (d), Page 35

MIL-T-5624, Turbine Fuel, Aviation, Grade JP-4 or MIL-T-83133, Turbine Fuel JP-8

Rationale for Change: Incorporate Department of the Navy Engineering Position Letter Ser: 10380 DP704N/M-60 M51.05 of 11 July 1994

10. Present Requirement: 4.7.17.2 Impulse dielectric test of component insulation or cable jacket, Page 36

Component wire ----- cut out of the wire or cable.

Change Requirement: 4.7.17.2 Impulse dielectric test of component insulation or cable jacket, Page 36

Component ----- cut out of the wire or cable.

As an alternative to testing in accordance with NEMA HP1-1979, testing may be performed in accordance with ASTM D3032, Section 13, Method B, with the following changes:

- A. As a minimum, subject the wire or cable to no less than 6 positive and negative crests of supply voltage (ASTM D3032 requires a minimum of 18 positive and negative crests).
- B. Use 0.25mm +/- 0.005mm for a spacing between the plate and the wire (ASTM D3032 uses 0.15mm)