

**AEROSPACE
STANDARD
AMENDMENT**

SAE AS81824A-A1

Issued 2005-02

Splices, Electric, Permanent, Crimp Style, Copper,
Insulated, Environment Resistant

FSC 5940

1. Present Requirement: 2.1 Government documents, Page 2 and 3, respectively

MIL-C-45662 Calibration System Requirements
MIL-STD-105 Sampling Procedures & Tables for Inspection Attributes

Change Requirement: 2.1 Government documents, Page 2 and 3, respectively

Delete MIL-C-45662 and MIL-STD-105 references

Rationale for Change: Incorporate Department of the Navy Engineering Position Letter Ser:
456300C60-BS50.93 dated SEP 29 1995, and Ser: 456300C60-50.111 dated 1 October 1995

2. Present Requirement: 2.1 Government documents, Page 3

Not specified

Change Requirement: 2.1 Government documents, Page 3 add after MIL-S-81824/1

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 AIR-4.4.4.3/2278 M001001 of 22 Aug 2003

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3. Present requirement: 2.1 Government documents, Page 3

Not specified

Change requirement: 2.1 Government documents, Page 3 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 3

Not specified

Change Requirement: 2.2 Other publications, Page 3 add after "The --- apply."

NATIONAL CONFERENCE OF STANDARDS LABORATORIES

NCSL Z540-1, -General Requirements for Calibration Laboratories and Measuring and Test Equipment

(Application for copies should be addressed to the National Conference of Standards Laboratories, 1800 30 th Street, 305B, Boulder, CO 80301-1032)

AMERICAN NATIONAL STANDARDS INSTITUTE

ANSI/ISO 10012-1 Quality Assurance Requirements for Measuring Equipment

(Application for copies should be addressed to the American National Standards Institute, 11 West 42 nd Street, New York, NY 10036)

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, Ser: 456300C60-50.111 dated 1 October 1995

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5. Present Requirement: Section 4. QUALITY ASSURANCE PROVISIONS, 4.1.1 "Insepection equipment and facilities" on Page 6

"Inspection ---- MIL-STD-45662."

Change Requirement: Section 4. QUALITY ASSURANCE PROVISIONS, 4.1.1 "Inspection equipment and facilities" on Page 6

"Inspection ---- ANSI/NC SL Z540-1 or ISO 10012-1."

Rationale for Change: Incorporate Department of the Navy Engineering Position Letter Ser: 456300C60-50.111 dated 1 October 1995.

6. Present Requirement: 4.6.2.1 Sampling plan, Page 9

Sampling plan: The procedure for continuous production sampling is to select a sampling plan from MIL-STD-105 for normal inspection, based on the specified Acceptance Quality Level (AQL) in Table IV. Classification of defects shall be as specified in MIL-STD-105 and Table VI. A manufacturer's normal quality control tests and production tests may be used to fulfill Group A inspection, provided they at least equal the quality required by Table IV.

Change Requirement: 4.6.2.1 Sampling plan, Page 9

Sampling plan: The procedure for continuous production sampling is to select a sampling plan from ANSI/ASQC Z1.4 for normal inspection, based on the specified Acceptance Quality Level (AQL) in Table IV. Major and minor defects shall be as defined herein (see 6.6), and Table VI. A manufacturer's normal quality control tests and production tests may be used to fulfill Group A inspection, provided they at least equal the quality required by Table IV.

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

7. Present Requirement: TABLE VII. Fluid Imersion, Specimen 6, Page 15

MIL-T-5624 JP-5

Change Requirement: TABLE VII. Immersion test fluids, Specimen 6, Page 15

MIL-T-5624 JP-5 or MIL-T-83133 JP-8

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