

# AEROSPACE STANDARD AMENDMENT

**SAE AS81790-A1**

Issued 2004-09

Connectors, Receptacle, External Electric Power, Aircraft  
General Specification for

FSC 5935

1. Present Requirement: 2.1 Government documents, Specification and standards, Page 3

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

Change Requirement: 2.1 Government documents, Page 3

Delete MIL-STD-105, and MIL-STD-45662 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: 2.2 Non-Government publications, Page 3

Not specified

Change Requirement: 2.2 Non-Government publications, Page 3 add after, "(Applications-----19103.)"

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 42nd Street, New York, NY 10036)

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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)

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 30th Street, 305B, Boulder, CO 80301-1032)

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

3. Present Requirement: Section 4. QUALITY ASSURANCE PROVISIONS, 4.3.2 "Test  
equipment and inspection facility", third sentence on Page 8

"Calibration ---- MIL-STD-45662."

Change Requirement: Section 4. QUALITY ASSURANCE PROVISIONS, 4.3.2 "Test equipment  
and inspection facility", third sentence on Page 8

"Calibration ---- ANSI/NCSL 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.

4. Present Requirement: 4.5.2 Sampling plan, Page 9

"Sampling inspection: The samples shall be subjected to the applicable sampling  
inspections as specified in Table II in the order listed. Sampling shall be in accordance  
with MIL-STD-105 Inspection Level II, AQL 1% for major defects and 4% for minor  
defects (see Table III for classification of defects). In-process controls may be  
substituted for the quality conformance requirements of Table II provided the controls  
are approved by the qualifying activity."