

**AEROSPACE  
STANDARD  
AMENDMENT**

**SAE AS58091-A1**

Issued 2004-11

Circuit Breakers, Trip-Free, Aircraft  
General Specification For

FSC 5925

1. Present Requirement: 2.1 Government documents, Page 4

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

Change Requirement: 2.1.1 Government documents, Page 4

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 Other publications, Page 5  
Not required

Change Requirement: 2.2 Other publications, After the last sentence Page 5 add

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)

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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)

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: Incorporate Department of the Navy Engineering Position Letter Ser:456300C60-BS50.93 dated SEP 29 1995, Ser: 456300C60-50.111 dated 1 October 1995, and to include qualifying activity requirements.

3. Present Requirement: Section 4. QUALITY ASSURANCE PROVISIONS, 4.4.1 Calibration first sentence Page 13

“Calibration: ---- MIL-STD-45662.”

Change Requirement: Section 4. QUALITY ASSURANCE PROVISIONS, 4.4.1 Calibration first sentence Page 13

“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: 4.6.1.1.1 Sampling plan, Page 19

Sampling plan: Statistical sampling and inspection shall be in accordance with MIL-STD-105 for general inspection Level II. The acceptable quality level (AQL) shall be as specified in Table II. Critical, major and minor defects shall be as specified in MIL-STD-105.

Change Requirement: 4.6.1.1.1 Sampling plan, Page 19

Sampling plan: A random sample shall be selected from each inspection lot in accordance with Level II of ANSI/ASQC Z1.4 for inspection based on the specified AQL in Table II. Classification of defects shall be as specified in Table II and definitions in herein (see 6.8). 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 II.

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

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### 5. Present Requirement: 6.3 Qualification, Page 39

With respect to products requiring qualification, awards will be made only for products which are at the time set for opening of bids, qualified for inclusion in the applicable QPL, whether or not such products have actually been so listed by that date. The attention of the suppliers is called to this requirement, and manufacturers are urged to arrange to have the products that they propose to offer to the Federal Government tested for qualification in order that they may be eligible to be awarded contracts or orders for the products covered by this specification. The activity responsible for the QPL is the Commanding Officer, Naval Avionics Center (Code B/714), 6000 East 21st Street, Indianapolis, IN 46219-2189, and information pertaining to qualification of products may be obtained from that activity. Copies of "Provisions Governing Qualification" may be obtained upon application to Commanding Officer, DODSSP Standardization Documents Order Desk, 700 Robbins Avenue, Bldg. 4D, Philadelphia, PA 19111-5094.

### Change requirement: 6.3 Qualification, Page 39

With respect to products requiring qualification by the government, awards will be made only for products, which are at the time set for opening of bids, qualified for inclusion in the applicable Qualified Products List (QPL), whether or not such products have actually been so listed by that date. The attention of the contractors is called to these requirements, and manufacturers are urged to arrange to have the products that they propose to offer to the Federal Government tested for qualification in order that they may be eligible to be awarded contracts for the products delineated in this specification. Qualification is required for U.S. Government procurement. The QPL Evaluating Activity, for U.S. Department of Defense procurement purposes, is the Naval Air Systems Command (Code 4.4.4.3), 22229 Elmer Road, Bldg. 2360, Patuxent River, MD 20670. Application for qualification tests shall be made in accordance with provisions governing qualification in SD-6 (see 2.2).

Rationale for change: Qualifying activity change of address

### 6. Present Requirement: 6.4 Definitions, Page 39

Not required

### Change Requirement: 6.8 Definitions, Page 40

6.4.11 Critical Defect: A critical defect is a defect that judgment and experience indicate would result in hazardous or unsafe conditions for individuals using, maintaining, or depending upon the product, or a defect that judgment and experience indicate is likely to prevent performance of the actual function of a major end item such as a ship, aircraft, tank, missile, or space vehicle.

6.4.12 Defect: A defect is any nonconformance of the unit of product with specified requirements.