



# AEROSPACE STANDARD

AS6462™

REV. C

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Superseding AS6462B

(R) AS5553C, Counterfeit Electrical, Electronic, and Electromechanical (EEE) Parts;  
Avoidance, Detection, Mitigation, and Disposition Verification Criteria

## RATIONALE

AS6462 is a standard assessment criteria to validate that the organization's counterfeit EEE part risk mitigation processes meet AS5553 requirements. Revision C of AS6462 reflects the changes made to Revision C of AS5553.

## FOREWORD

This document standardizes the criteria for the assessment of requirements, practices, and methods related to counterfeit EEE parts management/avoidance, supplier management, procurement, inspection, test/evaluation, mitigation, reporting, and response strategies.

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## 1. SCOPE

### 1.1 Purpose/Application

This document is intended for use during audits to the requirements of AS5553C. It may be used by all contracting organizations that procure EEE parts, whether such parts are procured directly or integrated into electronic assemblies or equipment as guidance for evaluating compliance to AS5553C.

## 2. REFERENCES

### 2.1 Applicable Documents

The following publications form a part of this document to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order. In the event of conflict between the text of this document and references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

#### 2.1.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or +1 724-776-4970 (outside USA), [www.sae.org](http://www.sae.org).

AS5553C Counterfeit Electrical, Electronic, and Electromechanical (EEE) Parts; Avoidance, Detection, Mitigation, and Disposition

AS9003 Inspection and Test Quality Systems, Requirements for Aviation, Space, and Defense Organizations

AS9100 Quality Management Systems - Requirements for Aviation, Space, and Defense Organizations

NOTE: Also available as EN9100 and JISQ9100.

AS9120 Quality Management Systems - Requirements for Aviation, Space, and Defense Distributors

#### 2.1.2 ISO Publications

Available from International Organization for Standardization, ISO Central Secretariat, 1, ch. de la Voie-Creuse, CP 56, CH1211 Geneva 20, Switzerland, Tel: +41 22 749 01 11, [www.iso.org](http://www.iso.org).

ISO 9000 Quality Management Systems - Fundamentals and vocabulary

ISO 9001 Quality Management Systems - Requirements

### 2.2 Terms and Definitions

For the purposes of this document, the terms and definitions stated in ISO 9000 and AS5553C shall apply.

## 3. REQUIREMENTS

Table 1 shall be used to establish compliance to AS5553C. The table contains the AS5553C requirement clause, criteria for compliance, method of evaluation, record of compliance, and a column for notes.

The Methods of Evaluation (MOE) identified in Table 1 are for guidance only in establishing the methodology for conducting the audit; as such, the MOE may be modified, as deemed appropriate by the auditor(s). The MOEs are included to structure the audit at the depth necessary to verify compliance to the AS5553C, Section 3 Requirements.

**Table 1 - Verification criteria**

AS5553C Clause	Requirement	Comply ?	Criteria for Compliance	Method of Evaluation (MOE)	Record of Compliance	Notes
3. 3.1	<p><b>REQUIREMENTS</b></p> <p><b>Counterfeit EEE Parts Control Plan</b></p> <p>The organization shall<sup>(1)</sup> develop and implement a risk-based counterfeit EEE parts control plan that documents its processes used for risk identification, mitigation, detection, avoidance, disposition, and reporting of suspect counterfeit or counterfeit EEE parts and/or assemblies containing such EEE parts. The control plan shall<sup>(2)</sup> include the processes described in 3.1.1 through 3.2. The control plan shall<sup>(3)</sup> be maintained, updated, and sustained based on evolving counterfeiting techniques and trends.</p> <p>NOTE: The plan updates may include avoidance techniques and information contained in industry standards.</p>		<p>(1) The counterfeit EEE Parts Control Plan (The Plan) must: Document the Organization's processes for risk identification, mitigation, detection, avoidance, disposition, and reporting of suspect or counterfeit EEE parts and/or assemblies containing such EEE parts. Have evidence that the plan has been implemented.</p> <p>(2) The Plan must include sections detailing the processes used to meet the requirements of 3.1.1 through 3.2.</p> <p>(3) The Plan must have a process for the Plan to be maintained, updated, and sustained to address evolving counterfeiting techniques and trends.</p>	<p>MOE - Review the contents of the plan and verify it includes all of the processes of 3.1.1 through 3.2.</p> <p>Review the plan to verify that it includes evidence of maintenance, updates, and sustainment of the plan based on evolving counterfeit techniques and trends</p>	<p>Record the plan title, number, release date, and revision.</p> <p>Record scope of plan includes all requirements.</p> <p>Record other documented evidence/artifact such as a revision table.</p>	
3.1.1	<p><b>Personnel Training</b></p> <p>The organization shall<sup>(1)</sup> train employees in the awareness, avoidance, detection, mitigation, and disposition of suspect counterfeit or counterfeit parts, if relevant to their organizational role and/or function.</p> <p>NOTE: Relevant personnel may include those involved with customer interface, management, program and project management, procurement, quality</p>		<p>(1) The Plan must contain the detailed information to train employees about the awareness, avoidance, detection, mitigation, and disposition of suspect counterfeit or counterfeit EEE parts if relevant to their organizational role and/or function.</p>	<p>MOE - Review the Organization's training program to verify the training covers awareness, avoidance, detection, mitigation, and disposition of suspect counterfeit or counterfeit EEE parts as relevant to the employee organizational role and/or function.</p>	<p>Record the training program reviewed.</p> <p>Record if they have training records for relevant personnel.</p> <p>Record rationale for acceptability and comments.</p>	