



AEROSPACE STANDARD

AS6174

REV. A

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Superseding AS6174

Counterfeit Materiel; Assuring Acquisition of Authentic and Conforming Materiel

RATIONALE

AS6174A corrects a significant error in the standard's material traceability requirement and makes compliance with this standard's material traceability feasible. It modifies the materiel traceability procurements requirements in 3.1.2.c, 3.1.2.f, and 3.1.6. AS6174A also establishes precedence and provision for use of slash sheet documents.

FOREWORD

To assure customer satisfaction, industry organizations must produce, and continually improve, safe, reliable materiel that meet or exceed customer and regulatory authority requirements. The globalization of industry and the resulting diversity of regional/national requirements and expectations has complicated this objective. End-product organizations face the challenge of assuring the quality and integrity of materiel purchased from suppliers throughout the world and at all levels within the supply chain. Suppliers and processors face the challenge of delivering materiel to multiple customers having varying quality expectations and requirements.

This document standardizes requirements, practices, and methods related to: (a) materiel management, parts management, supply chain management, procurement, inspection, test/evaluation to assure the authenticity and conformance of materiel being acquired, and (b) response strategies when suspect or confirmed counterfeit materiel is discovered. This standard is a capstone standard. AS5553 pertains directly to electronic parts, and supplements the guidance of this standard.

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1. SCOPE

1.1 Purpose

This SAE Standard standardizes practices to:

- a. maximize availability of authentic materiel,
- b. procure materiel from reliable sources,
- c. assure authenticity and conformance of procured materiel, including methods such as certification, traceability, testing and inspection appropriate to the commodity/item in question,
- d. control materiel identified as fraudulent/counterfeit,
- e. and report suspect or confirmed fraudulent/counterfeit materiel to other potential users and Authority Having Jurisdiction.

1.2 Application

This standard is recommended for use by all contracting organizations that procure materiel, whether such materiel is procured directly or integrated into assemblies or equipment. The requirements of this standard are generic and intended to be applied/flowed down to all organizations that procure materiel, regardless of type, size, and product provided.

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. When a commodity specific slash sheet (e.g., AS6174/X) has been published, the applicable commodity slash sheet requirements take precedence over conflicting requirements within AS6174A. In the event of conflict between the text of this document and other 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 724-776-4970 (outside USA), www.sae.org.

AS5553	Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition
AS9003	Inspection and Test Quality System
ARP9009	Aerospace Contract Clauses
AS9100	Quality Management Systems - Requirements for Aviation, Space and Defense Organizations
AS9120	Quality Management Systems - Requirements for Aviation, Space and Defense Distributors