



AEROSPACE STANDARD

AS9147™

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published in all IAQG sectors.

Unsalvageable Items Management – Requirements for Aviation, Space, and Defense Organizations

RATIONALE

This document standardizes unsalvageable item management process requirements to the greatest extent possible. It can be used at all levels of the supply chain by organizations around the world to mitigate the risk to use unsalvageable items within aviation, space, and defense products to improve and ensure the performance, reliability, and safety of these products.

This standard provides the following potential benefits:

- Standardizes unsalvageable management process requirements.
- Integrates aviation, space, and defense industry best practices and guidance.
- Increases product quality and safety.
- Achieves cost savings due to unsalvageable item reclassifications.
- Reduces waste/environmental footprint by fostering reclassification.
- Protects companies' intellectual property by preventing reverse engineering on unsalvageable items.

FOREWORD

The International Aerospace Quality Group (IAQG), with representatives from aviation, space, and defense in the Americas, Asia/Pacific, and Europe, benchmarked industry best practices and guidance to develop the requirements of unsalvageable items management. The key objectives of this standard are to:

- Prevent unsalvageable items from being used for manufacturing, maintenance, or repair of aviation, space, and defense products;
- Specify the conditions of their reclassifications; and
- Mitigate the risk of unsalvageable items being disassembled.

This standard is complementary to 9100-series standards (i.e., 9100, 9110, 9120) requirements associated to the control of nonconforming products.

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1. SCOPE

This standard is applicable to all items used for manufacturing, maintenance, and repair of aviation, space, and defense products from the raw material to the final product (e.g., aircraft, structural items, constituent assemblies, standard parts, consumables with conformity and/or safety impact).

This standard considers items dispositioned as scrap in accordance with 9100-series standards' supporting nonconformity management, corrective action, or organization decisions (e.g., obsolescence, inventory management, missing traceability documentation).

The requirements specified in this standard are complementary (not alternative) to contractual and applicable statutory and regulatory requirements. Should there be a conflict between the requirements of this standard and applicable statutory or regulatory requirements, the applicable statutory or regulatory requirements take precedence.

This standard defines requirements and actions to be taken after the disposition decision to control the unsalvageable items within the organization and its external providers.

NOTE: The control of external provider is addressed in the 9100-series standards.

2. REFERENCES

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 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.

9100* Quality Management Systems – Requirements for Aviation, Space, and Defense Organizations

9110* Quality Management Systems – Requirements for Aviation Maintenance Organizations

9120* Quality Management Systems – Requirements for Aviation, Space, and Defense Distributors

*As developed under the auspice of the IAQG and published by various standards bodies [e.g., AeroSpace and Defense Industries Association – Standardization (ASD-STAN), SAE International, European Committee for Standardization (CEN), Japanese Standards Association (JSA)/Society of Japanese Aerospace Companies (SJAC), Brazilian Association for Technical Norms (ABNT)].

2.2 ISO Publications

Copies of these documents are available online at <http://webstore.ansi.org/>.

ISO 9000 Quality management systems – Fundamentals and vocabulary

3. TERMS AND DEFINITIONS

For the purposes of this standard, the terms and definitions given in ISO 9000 and the following apply.