

Fact Sheet

SAE Technical Committee G-14 Americas Aerospace Quality Group

Chairperson: Colin Clarke, Bombardier Aerospace
Vice Chairperson: Richard Vinton, Raytheon Co.
Secretary: Sidney Vianna, DNV Certification

The **SAE G-14 Americas Aerospace Quality Group (AAQG)** committee addresses all facets of aerospace quality-design, maintenance, and in-service experience. The group is dedicated to creating, preparing, and maintaining all relevant specifications, standards, and requirements for aerospace quality systems. Improvement in quality through variance reduction in processes and procedures is the continual focus of the committee. AAQG aims to establish and maintain a dynamic cooperation based on trust between aerospace companies on initiatives to make significant improvements in quality performance and reductions in cost throughout the value stream. Initial focus regarding this objective is to continuously improve the processes used by the supply chain to deliver consistently high quality products, thereby reducing non-value added activities and costs. Other objectives for this committee are: to establish commonality of quality standards, requirements, tools and techniques; start a process of continuous improvement at suppliers; create methods to share results; and implement plans to bring the initiative to life (e.g., obtain regulatory concurrence).

Participants in the **SAE G-14** committee include OEMs, suppliers, processors, consulting firms, government, and others across the aerospace and defense industries. The AAQG is a cooperative organization within the aerospace industry in the Americas (including North, Central and South Americas).

Standards development/revision activities

- AS9136-Root Cause Analysis and Problem Solving
- AS9017-Critical Safety Item (CSI) requirements flowdown to suppliers
- AS9101D-Quality Management Systems Assessment
- AS9120A-Quality Management Systems - Aerospace Requirements for Stockist Distributors
- AS9110A-Quality Maintenance Systems - Aerospace - Requirements for Maintenance Organizations
- AS9100C-Quality Management Systems - Aerospace - Requirements
- AS9131B-Quality Management Systems - Nonconformance Documentation
- AS9014A-Americas Aerospace Quality Group (AAQG) Requirements for Aerospace Quality Management System Certification/Registrations Programs

Recently published documents

- AS9015-Supplier Self Verification Process - Delegation Programs
- AS9014-Americas Aerospace Quality Group (AAQG) Requirements for Aerospace Quality Management System Certification/Registrations Programs

- ARP9009-Aerospace Contract Clauses
- ARP9013/4-Statistical Product Acceptance Requirements Using Continuous Sampling, Skip-Lot Sampling, Or Methods for Special Cases
- ARP9013/3-Statistical Product Acceptance Requirements Using Process Control Methods
- ARP9013/2-Statistical Product Acceptance Requirements Using Attribute Or Variable Lot Acceptance Sampling Plans
- ARP9013/1-Statistical Product Acceptance Requirements Using Isolated Lot Sampling Methods
- ARP9013-Statistical Product Acceptance Requirements

Globally harmonized standards

Available for purchase through SAE, the following documents and processes were harmonized on an international basis through the AAQG's participation in the International Aerospace Quality Group (IAQG).

- AS9100B - Quality Management Systems - Aerospace - Requirements
- AS9101CW - Quality Management Systems Assessment – Word Format
- AS9101C - Quality Management Systems Assessment
- AS9104/2W - Requirements for Oversight of Aerospace Quality Management System Registration/Certification Programs – Word Format
- AS9104/2 - Requirements for Oversight of Aerospace Quality Management System Registration/Certification Programs
- AS9104/3 - Requirements for Aerospace Auditor Competency and Training Courses
- AS9121AW - Stockist Distributors Quality System Questionnaire Associated with AS9120 - Word Format
- AS9121A - Stockist Distributors Quality System Questionnaire Associated with AS9120
- AS9131AW - Quality Management Systems – Nonconformance Documentation - Word Format
- AS9131A - Quality Management Systems – Nonconformance Documentation

These requirements will appear on Purchase Orders to suppliers of aerospace products and equipment. Suppliers will benefit from the ability to develop one system or process for aerospace products, which will satisfy Canadian, United States and South American aerospace prime contractors.

One world. One standard.

One source.

Join an SAE Aerospace Technical Standards committee.

See for yourself the SAE standardization process in action at these upcoming meetings of the G-14 Americas Aerospace Quality Group:

March 10-12, 2009
Portland, OR USA

September 15-17, 2009
Charlotte, NC USA

For more information

or to participate on the G-14 AAQG Committee, contact:

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Also of interest:

International Aerospace Quality Group upcoming meetings:

April 20-24, 2009
Phoenix, AZ USA

October 12-16, 2009
Munich, Germany

For more information

on IAQG, please visit
www.iaqg.org

To purchase

SAE Technical Standards

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