AESQ STRATEGY GROUP
A Program of SAE ITC

AEROSPACE ENGINE SUPPLIER QUALITY (AESQ) STRATEGY GROUP

FACT SHEET

MEMBERS

GE
GKN AEROSPACE
Honeywell
HOWMET AEROSPACE
IHI
MTU Aero Engines
Pratt & Whitney A United Technologies Company
PCC Precision Castparts Corp.
ROLLS ROYCE
SAFRAN

In 2012, the President of Rolls-Royce Aerospace Supply Chain, and the Vice Presidents of Pratt & Whitney (Procurement), GE Aviation (Global Supply Chain), and Safran (Purchasing) tasked their respective senior quality executives to work collectively in driving rapid change throughout the aerospace engine supply base. The group subsequently formed the SAE G-22 Aerospace Engine Supplier Quality (AESQ) Technical Committee (2013) and the AESQ Strategy Group (2015) to collaboratively publish and deploy common quality supplier requirements.

VISION

To enable and accelerate the achievement of Zero Defects and a quality first culture across the global aero engine supply chain.

So that:

- Safety is assured
- Disruption is reduced
- Cost of Poor Quality is eliminated

Thru:

- Collaboration and shared learning
- Development of capability and expertise
- Implementation of simplified and common standards

GUIDING PRINCIPLES

- Simplify & standardize supplier requirements
- Build on existing industry standards
- Create common language for Quality
- Ensure standards are simple, prescriptive, and auditable
- Promote standardized 3rd party training and consultancy
- Deploy with ease within existing processes and systems

KEY MESSAGE

Work collaboratively to deploy the effective quality standards created by the AESQ Members throughout the entire aerospace engine supply chain
http://aesq.saeitc.org/

SAE G-22 AEROSPACE ENGINE SUPPLIER QUALITY (AESQ) TECHNICAL COMMITTEE

FACT SHEET

The SAE G-22 Aerospace Engine Supplier Quality (AESQ) Committee is established as a Technical Committee to develop, specify, maintain, and promote quality standards specific to the aerospace engine supply chain. This is intended to reduce customer specifics through a focused set of standards that integrate industry best practice and aerospace engine unique elements.

Published Documents

- AS13000 – Problem Solving Requirements for Suppliers
- AS13001A – Delegated Product Release Verification Training Requirements
- AS13002 – Requirements for the Developing and Qualifying Alternate Inspection Frequency Plans
- AS13003 – Measurement Systems Analysis Requirements for the Aero-Engine Supply Chain
- AS13004 – Process Failure Mode and Effects Analysis (PFMEA) and Control Plans
- AS13006 – Process Control Methods
- AS13100 - AESQ Quality Management System Requirements for Aero Engine Design and Production Organizations