New SAE International Standard Helps to Establish and Focus Use of Process Control within the Aerospace Industry

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SAE International announces the publication of AS13006: Process Control Methods.

Aerospace engine manufacturers and their suppliers currently have differing requirements for process control that have similar intent. This new standard establishes a common practice and methodology in defining the requirements for ongoing process control to improve quality performance through optimized process variation management beyond customer defined Key Characteristics.

It includes guidance material to support specific aerospace engine applications, with focus on the practical application of control methods for many different situations, to improve process control, process capability and thus product quality, benefiting both the organization applying it, and its customers.

"The release of AS13006 is a big step forward in harmonizing requirements in the Aero-Engine supply chain," said Dan Eigenbrode, VP Module Centers & Supplier Quality, Pratt & Whitney and AESQ Executive Sponsor for AS13006. "Process Control is the key ingredient for sustained product quality and AS13006 provides the means for all suppliers to implement robust systems to ensure consistent quality regardless of product type."

AS13006, and the previously released AS13003, Measurement Systems Analysis Requirements for the Aero Engine Supply Chain and AS13004, Process Failure Mode and Effects Analysis (PFMEA) and Control Plans fully align and support the SAE standard AS9145, Requirements for Advance Product Quality Planning and Production Part Approval Process, developed by the IAQG/SAE G-14 AAQSC Committee.

This standard also aligns and collaborates with the requirements of AS9103, Quality Management Systems - Variation Management of Key Characteristics.

AESQ Strategy Group members will accept the immediate use of AS13006 within their respective supply chains and strongly encourage organizations to begin using this latest standard before it becomes a contractual requirement. Although designed for the aerospace engine supply chain, AS13003, AS13004, and AS13006 may be applied effectively by other segments of the aviation, space, and defense industries.

The SAE G-22 AESQ Committee and the IAQG/SAE G-14 AAQSC Committee worked together cooperatively to ensure proper alignment of these standards.

To learn more about this new document, visit http://standards.sae.org/as13006/.

Credentialed members of the media may request a review copy of AS13006 by emailing pr@sae.org or calling 724-772-8522.

About AESQ
The Aerospace Engine Supplier Quality (AESQ) Strategy Group, a program of the SAE ITC, was established to develop, specify, maintain, promote and deploy quality standards specific to the Aerospace Engine supply chain. This work is intended to reduce customer specifics through a focused set of standards that integrate industry best practice and aerospace engine unique elements.

AESQ member companies include Arconic, GE Aviation, GKN Aerospace, Honeywell Aerospace, MTU Aero Engines, PCC, Pratt & Whitney, Rolls-Royce, and Safran.

Further information about AESQ including G-22 standards, future events, training opportunities and supporting documents can be found on AESQ's website at: http://aesq.saeitc.org/

About SAE ITC
The SAE ITC team specializes in establishing and managing consortia by providing proven processes, tools and resources. SAE ITC enables public, private, academic and government organizations to connect and collaborate in neutral, pre-competitive forums thus empowering the setting and implementation of strategic business improvements in global highly engineered industries. (www.sae-itc.com)

About SAE International
SAE International is a global association committed to being the ultimate knowledge source for the engineering profession. By uniting over 127,000 engineers and technical experts, we drive knowledge and expertise across a broad spectrum of industries. We act on two priorities: encouraging a lifetime of learning for mobility engineering professionals and setting the standards for industry engineering. We strive for a better world through the work of our philanthropic SAE Foundation, including programs like A World in Motion® and the Collegiate Design Series™.

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