

Continuous Improvement with Broad-Based Engagement



The AIAG Quality Steering Committee charter is to proactively identify industry issues, needs, and trends and provide guidance and best practices to continually improve products and processes.

The Committee is comprised of quality leaders from automotive OEMs and Tier 1 and Tier 2 parts suppliers.

Examples of recent deliverables include:

Sub-Tier Supplier Development Program (CQSD)

Delivery of high quality products to the OEM's is dependent on the quality performance of suppliers through all levels of the supply chain - and the chain is only as strong as the weakest link!

AIAG initiated the Sub-Tier Supplier Development project to develop a common process for supplier management of sub-tier suppliers. By harmonizing the process it is expected that organizations and sub-tier suppliers will be more effective and efficient at managing their suppliers.

Sub-Tier Supplier Development work group meets on the 3rd Thursday of every month, from 9am -11am. If you are looking to improve your processes to manage your suppliers, this is an excellent opportunity to collaborate with your industry peers on best practices for doing so.

Consumer-Centric Warranty (CQWR)

The Consumer-Centric Warranty Management Guideline (CQI-14) provides a best-practice approach for managing warranty processes with the consumer in mind. The goal of the guideline is to help develop practitioners who can use the tools contained in the guideline to develop a warranty process that utilizes best practices. Some of these tools include:

- A decision tree to help the reader identify and determine root causes with warranty issues
- How to analyze and investigate issues that have "No Trouble Found" (NTF).
- How to adopt a standardized approach to understanding NTF problem solving.

The Consumer-Centric Warranty Management work group is reconvening to enhance the guideline and to include new sections that focus on the changes seen in the industry in the last five years, including access to and use of electronic data.

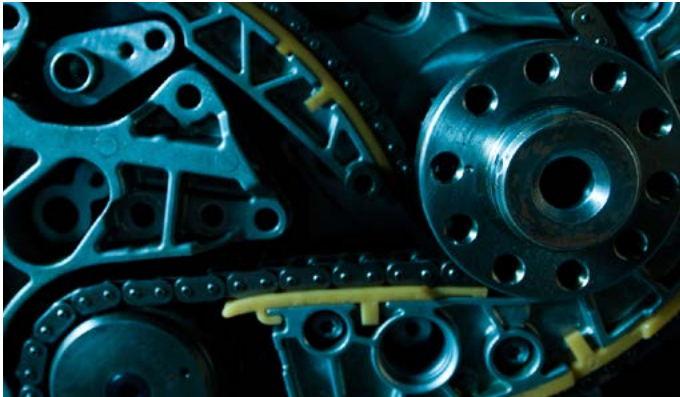
Special Process: Casting System Assessment (CQCA)

There's an immediate opportunity for you to join your industry peers to establish a common management system that provides for continual improvement, emphasizing defect prevention and the reduction of variation and waste in the supply chain. The assessment is intended to provide a common approach to a casting management system for automotive production and service part organizations.

Looking for casting experts in:

- Ductile Iron
- Grey Iron
- Grey Iron Centrifugal
- Aluminum High Pressure Die Cast
- Magnesium High Pressure Die Cast

The Casting work group meets twice a month on alternating Fridays, from 9am to 11am.



DRBFM Work Group (CQDR)

Design Review Based on Failure Modes has been around for a few years. But with the publishing of the SAE J2886 guidelines this year, interest will increase and suppliers will be required to be actively involved in doing DRBFM for design changes. This will basically be a reference guide for doing DRBFM for suppliers.

SPC Special Cases (CQSP)

The development of an AIAG SPC manual to complement and/or supplement the SPC core tool manual. The AIAG manual will address specialized topics, special applications of statistical analysis, including short runs. Document will be focused and developed for lower tier practitioner.

Model Based Enterprise (MBE) Work Group (VPVZ)

AIAG's **M**odel **B**ased **E**nterprise (MBE) Work Group vision is to move the Automotive Industry to a 3D Model Based Enterprise, through the adoption of Model Based Definition (MBD) practices. This requires the 3D CAD model to include all of the information that completely defines a product (such as physical geometry, configuration, functional requirement relationships, attributes and procedural information). This information can then be consumed throughout the extended enterprise enabling seamless sharing, reduced costs, increased efficiencies and quality.

The MBE Workgroup believes that we can achieve this vision by helping companies realize the benefits of their investment in technology, and the extended value of their product definition data by:

- Developing guidelines and best practices to educate and prepare the Automotive Industry
- Working with the industry software providers.

The MBE work group meets the second Friday of every month from 1:00p.m. – 4:00p.m.

Long Term Archiving (CLTA)

AIAG, along with our sister automotive industry associations in Europe and Asia, are developing harmonized recommendations for defining a robust, long-term retention and archiving system for global product definition information. Key deliverables include Process, Format, Time Period, and Quality recommendations, as well as an assessment tool kit and companion ontology model.

For more information on AIAG's Quality Initiatives please contact:

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