

QUALITY >>>



New Projects

Risk-Based Audit Days

It is critical for the industry that there is alignment between achievement/maintenance of ISO/TS16949 certification and the actual quality performance of the site. One of the current issues is that in the audit scheme for TS, the length of the audits (days) is based solely on the number of employees at the site.

The focus of this work group is to define a "Risk Based" model where complexity factors such as type of product, (brakes, steering, etc.), site QMS "maturity" factors such as stability of leadership, stability of business, number of new product launches, quality culture, etc., and demonstrated quality performance are the basis for the calculation of audit days for the site.

AIAG-VDA FMEA Alignment

Currently suppliers providing products to both German and N.A. OEM's are required to assess their products' failure modes and effects differently, based on differences between the processes and the Severity, Occurrence, and Detection rating tables in the VDA and AIAG FMEA Manuals. This causes confusion and adds complexity to the product development and process improvement activities of the suppliers.

The focus of the work group is to come up with a common set of FMEA requirements and guidance that will enable suppliers to have a single FMEA business process and associated set of methods and tools to produce robust, accurate and complete FMEA's and meet the needs and expectations of any of their customers.

Traceability

There currently isn't any single reference manual on the subject for the industry to use. The work group believes that the industry would benefit from one consistent application of traceability requirements throughout the supply chain including OEM's. An improvement in traceability capabilities throughout the supply chain supports improvement of containment, problem solving, and management of engineering changes. The Traceability work group is working on developing a document that will highlight best practices and showcase applications/case studies of latest technology solutions.

Problem Solving

In 2015 AIAG's Quality 2020 survey found that OEMs and suppliers rank problem solving as the most critical issue impacting quality. The study stated that over one-third of respondents felt there was significant potential for improvement in problem solving. In November 2015 AIAG convened a group of industry problem solving professionals to study the survey results with the goal of identifying what improvements could be made to make problem solving more effective.

The AIAG Problem Solving work group has determined there is an opportunity to improve the existing CQI-20 and CQI-21 Effective Problem Solving documents by adding guidance for the items that were identified as problematic in the industry survey.

If you would like to provide ideas to help the industry improve its problem solving, contact AIAG today!