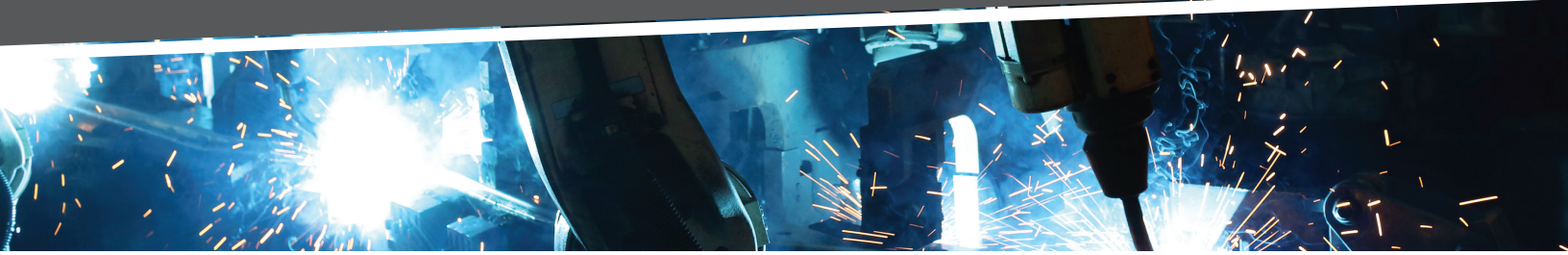


# QUALITY >>>



## Special Process Projects

The goal of the AIAG Special Process Initiative is the reduction of campaigns, spills, recalls and warranty claims related to components from "Special Processes." The Special Process Initiative is comprised of individual work groups that develop assessments based on best practices and designed to provide a means of continual improvement, emphasizing defect prevention and reduction of variation and waste in the supply chain.

### Heat Treat Assessment

The Heat Treat work group is developing the 4th edition of the Heat Treat Assessment. This new edition will focus on clarification to the process tables and pyrometry requirements, and a major change to the formatting of the assessment from Excel to a Word format to allow for greater flexibility in writing observations and notes, and will include hyperlinks to the Process Tables.

### Plating & Coating Assessments

The Plating and Coating work groups are working together to develop 3rd editions of each Plating and Coating Assessment. The team will harmonize common practices between the Plating, Coating and Heat Treat assessments on pyrometry requirements, including instrumentation, thermocouple checks, and temperature uniformity surveys, where appropriate. The Management Responsibility, Quality Planning, and Floor and Material Handling section of the Plating and Coating assessments will also be harmonized.

### Welding Assessment

First edition was published back in March 2007 as a result there are processes that need to be updated and new processes added. The team is reviewing all user feedback received from the implementation of the 1st edition to determine what has been effective and where changes and/or clarifications need to be made.

### Solder Assessment

As technology is changing rapidly, and vehicles are being controlled more and more by electronics, the Soldering Assessment is being updated to reflect the new manufacturing methods, process controls and acceptability criteria for soldering.

### Problem Solving Work Group

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.

The AIAG Problem Solving work group determined there was an opportunity to improve the existing AIAG Effective Problem Solving documents. To start, CQI-21 Effective Problem Solving Leader Guide has been incorporated into the new CQI-20 Effective Problem Solving Guide, 2nd edition. Additionally, the team added guidance for the items that were identified as problematic in the industry survey. Each problem solving step now includes information on required inputs and outputs, step overview, tools, desired outcome, progress check questions, and expected executive support need to achieve a positive outcome for that section.

With the completion of CQI-20, 2nd edition, the Problem Solving work group is updating the AIAG Problem Solving training to ensure attendees are aware of and know how to implement all the necessary steps for effective problem solving.