

Aerospace Risk Management and Analysis Series Planning and Conducting the PPAP (Production Trial Run)



Course Duration: 1 Day - 8 Hours/day

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Seminar Content

This one-day hands-on seminar is intended to address the purpose of the First Article Inspection process (FAI) as the culmination of the AQP process and provides a detailed examination of preparation required for the enhanced FAI/AQP requirements. This class focuses on the planning necessary in preparation of an enhanced FAI/AQP.

The Production Trial Run requires that the process documentation including Process Flows, PFMEAs, Control Plans and Work Instructions are completed and that the operators are trained. Also, gauging, tooling and the equipment must be made ready. MSA studies and Process Capability studies should all be completed prior to the enhanced FAI/AQP. Warranty preparation and submission is also covered.

Learning Objectives

- ❖ Understand the requirements and timing impacts of the enhanced FAI/AQP
- ❖ Provide examples and lessons learned for use in the hands-on application needed for successful enhanced FAI/AQP submission
- ❖ Plan for a Production Trial Run, i.e., first production run of a product
- ❖ Learn how to conduct a Process Readiness Assessment

Seminar Outline

- ❖ Introduction – Advanced Quality Process
- ❖ Breakout Exercise: What's Needed?
- ❖ Planning for FAI/AQP
- ❖ Preparing for the Initial Production Run

- ❖ Process Readiness
- ❖ Breakout Exercise: Planning and
- ❖ Conducting the Process Readiness Assessment
- ❖ Conducting Initial Production Run
- ❖ The FAI Report
- ❖ Breakout Exercise: Revisiting What's Needed

Who Should Attend

- ❖ Program Managers
- ❖ Project Managers
- ❖ Design, Quality and Manufacturing Engineers
- ❖ Enhanced FAI/AQP Coordinators / persons who have direct responsibility for preparation, assembly or review of enhanced FAI/AQP components or packages
- ❖ Auditors and those responsible for supplier enhanced FAI/AQP documentation
- ❖ AQP Team Members
- ❖ All other Risk Management personnel

Seminar Materials

Each participant will receive a seminar manual and a workbook including all team breakout exercises.

Pre-Requisite

A general knowledge of quality systems is required.

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