



DRIVING WORLDWIDE BUSINESS EXCELLENCE

Understanding AS9145 - APQP and PPAP for Aviation, Space and Defense Organizations



Training Duration : 1 day

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Understanding AS9145 - APQP and PPAP for Aviation, Space and Defense Organizations

Training Duration : 2 days

Seminar Content

This one-day seminar is designed to provide participants with an understanding of how the risk management elements of Aerospace Advanced Product Quality Planning (APQP) help ensure successful launches based on robust New Product Development processes, as well as how to employ the same tools to manage continual improvement in products and processes. The multidisciplinary approach to APQP knowledge management is stressed as essential to shortening development cycle times and reducing launch risk in new product introduction.

This seminar also provides guidance on the Aerospace PPAP. It shows where and when to incorporate prevention tools such as DFMEA, DFM/DFA, Process Flow, PFMEA, Control Plans, MSA, and SPC. This class provides a comprehensive overview of the overall APQP and Core Tools suite.

APQP and PPAP with the associated tools needs to be integrated with AS9100D clause 8.0 Operation.

Who Should Attend

- ❖ Program Managers
- ❖ Project Managers
- ❖ Quality Managers
- ❖ Process Engineers
- ❖ PPAP Coordinators
- ❖ APQP Team Members
- ❖ All other Risk Management personnel

Recommended Training and/or Experience

- ❖ Basic understanding of management systems
- ❖ Some exposure to the New Product Development (NPD)

Seminar Materials

Each participant will receive a seminar manual including exercises.

Seminar Goals

- ❖ Describe the Aerospace APQP and PPAP requirements
- ❖ Assist an organization in implementing these requirements

Seminar Outline

- ❖ Introduction to As9145
- ❖ General APQP and Phase 1 Requirements
 - Phase 1 Discussion: Gaps and Opportunities
- ❖ APQP Phase 2 Requirements
 - Phase 2 Discussion: Gaps and Opportunities
- ❖ APQP Phase 3 Requirements
 - Phase 3 Discussion: Gaps and Opportunities
- ❖ APQP Phase 4 Requirements
 - Phase 4 Discussion: Gaps and Opportunities
- ❖ APQP Phase 5 Requirements
 - Phase 5 Discussion: Gaps and Opportunities
- ❖ Production Part Approval Process
 - PPAP Discussion: Gaps and Opportunities

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