



2-Day (16 CPD Hours)

Understanding AS9145 – APQP & PPAP

Aviation, Space and Defense

Aerospace Quality Management Systems

Register by phone

919-635-5581

Register online

www.apexqualityassurance.com



At A Glance

Aviation, Space and Defense Aerospace Quality Management Systems

This training 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.





AS9145-APQP and PPAP 2-Day

Who Should Attend

Aviation, Space and Defense
Aerospace Quality Management Systems

This seminar is primarily designed for and will benefit senior managers, engineers, individuals interested in conducting aerospace audits and individuals with direct responsibility for introducing new products or new manufacturing technologies.

Those responsible for APQP and PPAP in the Aerospace industry as well as AS9100D implementation team members will also benefit from this seminar. An understanding of both AS9145- APQP and PPAP and/or work experience is recommended.





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Seminar Outline

Aviation, Space and Defense
Aerospace Quality Management Systems

Day One:

- 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**

Day Two:

- **Phase 3 Discussion: Gaps and Opportunities Continued**
- 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**

Attendees successfully completing the examinations provided in conjunction with this course receive a Certificate of Completion from APEX Quality Assurance as well as 16 hours' worth of CPD credits.