



**AS9100D  
AEROSPACE  
INDUSTRY  
SPECIFIC COURSE**

February 5 – 7, 2019  
3 days

# Course Objectives

This 26-hour (3-day) course is a highly participative course that provides detailed discussion on a wide variety of Aviation, Space and Defense (ASD) topics as defined by the International Aerospace Quality Group (IAQG). Practical workshops and simulated situations are used to develop an understanding of the material. A one-hour examination is conducted on the last day.

The topics in this course focuses on the industry specifics for conducting internal/supplier audits. References to the requirements of AS9100D will be made.



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# Key Session Topics

The following topics will be discussed, along with the objectives evidence auditors will need to look for.

- Discussion of ASD industry quality perspective
- Discussion of civil aviation authority roles, responsibilities and regulations, including how to obtain additional information
- Discussion of the principles of military aerospace requirements and regulations, including how to obtain additional information
- Discussion of government space organization roles, responsibilities and regulations, including how to obtain additional information
- Explanation of the process of first article inspection (AS9102)
- Discussion of airworthiness and aviation safety requirements, including how to obtain additional information
- Discussion of the design, development, verification and validation processes specific to the aerospace industry
- Discussion of aerospace material traceability requirements
- Discussion of aerospace material/parts status accountability systems
- Identification of aerospace subcontractor approval and control requirements
- Explanation of variation management of key characteristics (AS9103)
- Description of flow down of quality requirements
- Explanation of FOD prevention program requirements (AS9145)
- Discussion of the use of customer supplied products
- Explanation of calibration controls and positive recall system
- Discussion of acceptance authority media (i.e. use of stamps, stamp control, electronic sign off)
- Discussion of nonconforming material, system requirements and operation
- Explanation of sampling inspection requirements and limitations
- Explanation of tool control activities
- Discussion of special process requirements
- Explanation of configuration management/requirements control
- Description of the product qualification process
- Description/explanation of the source approval process

# Who Should Attend

- An internal auditor who wants to audit their organizations quality management system or supplier's quality management system.
- Those who will lead the AS9100 certification or conformity effort in their company
- Anyone who wants to obtain detailed information and a strong background in aerospace activities

## Course Location

IAPMO Corporate  
Headquarters  
5001 East Philadelphia Street,  
Ontario, CA 91761

## Course Fees

Before December 15 - \$550  
After December 15 - \$699

## What's included?

- All student course manuals and course notes
- Loaner copy of the applicable AS9100D Requirements
- Certificates of attendance

