Apex
Quality Assurance

5-Day

AS9110 Rev C: 2016

Lead Auditor Training

Aerospace Quality Management Systems

Register by phone

919-635-5581

Register online

www.apexqualityassurance.com

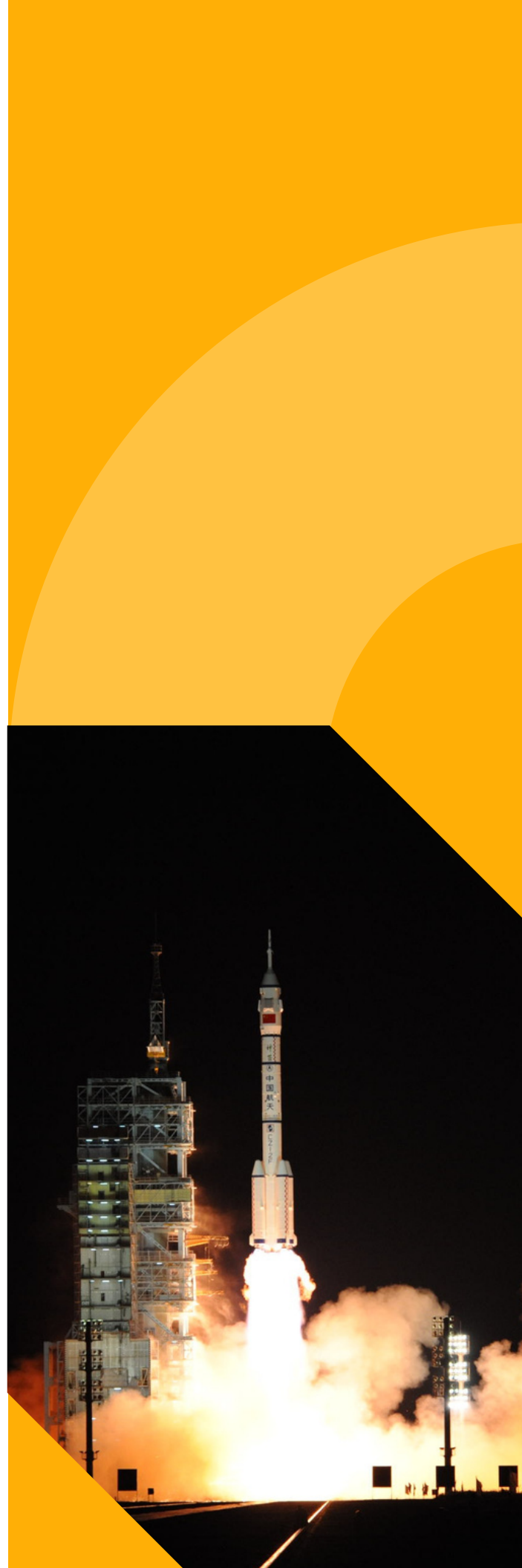PROBITAS
AUTHENTICATION™

At A Glance

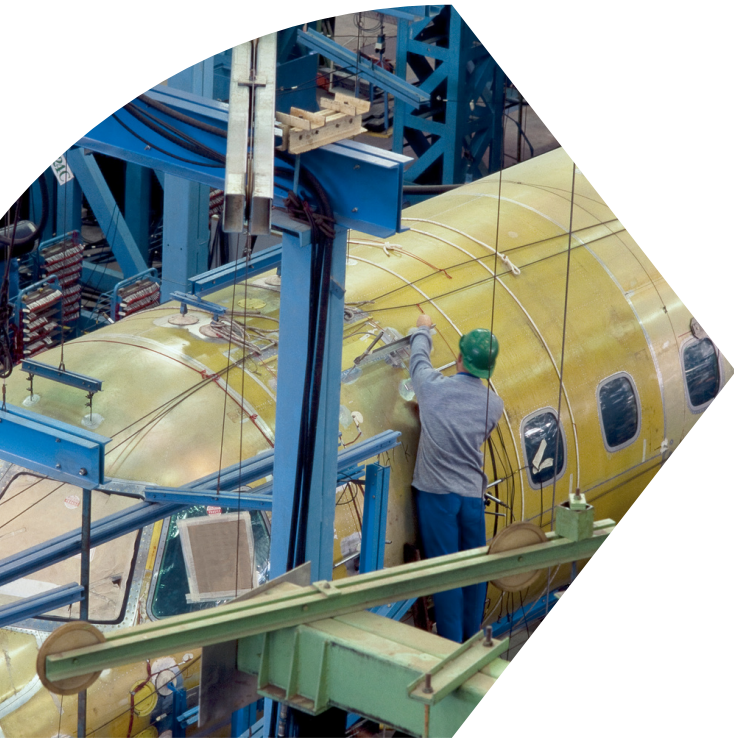## Lead Auditor Training for Aerospace Quality Management Systems

Use the best practices that AS9110 C provides to not only demonstrate commitment for providing continuously-improved aerospace parts and services, but globally apply your quality management (and general management) systems to keep pushing beyond existing goals and capabilities. We have helped aerospace organizations transform the basic standard requirements into transformational, strategic processes, starting with our more integrated approach to **AS 9110 Rev. C lead auditor training.** Apex QA with QMII is continuing to offer courses that cover both the **ISO 9001:2015** and **AS9100 Rev D** requirements. QMII is a Probitas Authenticated provider.

This 5-day course was developed to cover all requirements of the **AS9100 Rev D** standards and additional aerospace requirements including AS9101 and AS9104.

Group exercises and case studies with examples from the aerospace industry will be used to develop the required auditing skills.

The auditing guidelines —including the auditing process and methodologies, e. g., planning and conducting an audit, writing nonconformity statements, preparing an audit summary and report, and verifying corrective actions —and their application in the aerospace process approach are covered. Auditing case studies from the aerospace industry to develop skills for identifying nonconformities will be used. Techniques for leading audit teams will also be discussed.

Who Should Attend

Lead Auditor Training for Aerospace Quality Management Systems

This seminar is primarily designed for internal or third-party auditor candidates, but can also be valuable for Quality Assurance Managers, AS9110:2016 Implementation and/or Transition Team Members, Management Representatives, and all others who would like to develop competency in AS9110:2016 and the auditing process for first, second and third-party auditing.

This course also benefits a range of professionals including quality managers, directors, business process owners/managers, engineers, supply chain/purchasing managers and consultants.

Seminar Goals

Lead Auditor Training for Aerospace Quality
Management Systems

- Understand the application of quality management principles in the context of AS9110 Rev C and additional aerospace requirements including AS9101 and AS9104.
- Relate the quality management system to the organizational products, services, activities, and operational processes.
- Relate the organization's context and interested party needs and expectations to the planning and implementation of an organization's quality management system.
- Understand the application of the principles, procedures, and techniques of auditing.
- Understand the conduct of an effective audit in the context of the auditee's organizational situation.
- Understand the application of the regulations, and other considerations that are relevant to the management system, and the conduct of the audit.
- Practice personal attributes necessary for the effective and efficient conduct of a management system audit.
- Establish, plan and task the activities of an audit team. Communicate effectively with the auditee and audit client.
- Organize and direct audit team members.
- Prevent and resolve conflict with the auditee and/or within the audit team.
- Prepare and complete the audit report.
- Understand the purpose and applicable uses of the core tools.
- Link the core tools to AS9110:2016 requirements.
- Explain the importance of Customer-Specific Requirements.

Seminar Outline

Lead Auditor Training for Aerospace Quality Management Systems

Day One:

- Aerospace Lead Auditor Introduction
- **Lecture:** Intro to Management Systems
- **Lecture:** Quality Standards
- **Lecture:** AS9104
- **Workshop:** Terms and Definitions ISO 19011
- **Lecture:** AS9110
- **Lecture:** AS9101-F
- **Lecture:** AS9101 Form Use Auditor Guidance Workshop: AS9100 Self Study

Day Two:

- **Lecture:** ISO 9001:205 Revision Overview
- **Workshop:** Clauses
- **Workshop:** Analyzing Processes
- **Lecture:** Developing Process-Based Management Systems
- **Lecture:** Auditing Management Systems
- **Lecture:** Audit Planning and Preparation
- **Workshop:** Review System Docs and Prep Audit Schedule for AS9110

Day Three:

- Review System Docs and Prep Audit Schedule for AS9110
- **Workshop:** Review Processes and Prep Checklist
- **Lecture:** Performing the Lead Audit Investigation
- **Workshop:** Verifying Facts
- **Lecture:** Concluding the Audit
- **Workshop:** Determining Nonconformity

Day Four:

- **Workshop:** Writing Nonconformity Statements
- **Workshop:** Interviewing Auditees
- **Workshop:** Closing Meeting Preparation
- **Workshop:** QAS Practice Exam
- **Workshop:** Closing Meeting and Report

Day Five:

- **Lecture:** Corrective Action and Follow-up
- **Workshop:** Corrective Action
- Class Wrap Up
- **Exam: QAS Exam**

Attendees successfully completing the examinations provided in conjunction with this course receive a a Probitas Authenticated certification from QMII, a partner of Apex Quality Assurance.

Even though AS9100 Rev D and ISO 9001 is used as the model for teaching systems and audit, this course enables students to develop and apply auditing skills using any applicable management system standard.