

2-Day

NADCAP AC7114

Non-Destructive Testing Requirements

Quality Management Systems

Register by phone

919-635-5581

Register online

www.apexqualityassurance.com



NADCAP AC7114 2-day

NADCAP AC7114

Non-Destructive Testing Requirements for Quality Management Systems

This two-day seminar is designed to provide participants with an understanding of NADCAP AC7114 Non-Destructive Testing requirements and process validation for Aerospace.

Understanding these requirements will help ensure successful implementation based on robust processes, as well as how to employ, audit and manage continual improvement in all nondestructive testing processes. Each AC7114 checklist will be interpreted, discussed and thoroughly examined to accommodate attendees performing individual or multiple types of nondestructive testing methods.

This seminar also provides guidance on effective methods to prepare for third party audits as well as to perform effective internal audits of non-destructive testing processes, by showing where and when to incorporate prevention tools and continual improvement strategies. This class also provides a comprehensive overview of the overall AC7114 suite of checklists.

AC7114 is required by most aerospace customers to be integrated with AS9100D clause 8.0 and is considered a special process.



Who Should Attend

Non-Destructive Testing Requirements for Quality Management Systems

This seminar is designed for Quality and NDT Lab personnel and individuals with direct responsibility for non-destructive testing processes. Those responsible for AC7114 auditing within the Aerospace industry as well as AS9100D implementation team members will also benefit from this seminar.

A basic understanding of NADCAP requirements and exposure to the non-destructive testing is necessary. An introduction to internal auditing and facilitating third party audits is recommended.





Seminar Goals

Non-Destructive Testing Requirements for Quality Management Systems

- Describe the Aerospace NADCAP AC7114 NonDestructive Testing requirements for all methods and checklists
- Assist an organization in implementing and auditing these requirements
- Assist an organization in preparing for third party special process audits

Seminar Outline

Non-Destructive Testing Requirements for Quality Management Systems

Chapter 1

- AC7114 Audit Criteria for NDT Suppliers Accreditation Program
- AC7114/S Supplemental Requirements

Chapter 2

- AC7114/1 Facility Penetrant Survey
- AC7114/3 Facility Ultrasonic Survey
- AC7114/7 Facility Ultrasonic Survey – Rotating Components

Chapter 3

- AC 7114/2 Facility Magnetic Particle Survey
- AC7114/5 Facility Eddy Current Survey

Chapter 4

- AC7114/4 Facility Film Radiography Survey
- AC7114/9 Remote Interpretation of Radiographic Film & Digital Images
- AC7114/10 Digital Radiography Survey

Chapter 5

- Effective Internal Auditing of the Heat Treat Process
- Heat Treat Process Implementation Strategies o NADCAP Third Party Audit Preparation

The Certificate of Completion provides evidence of knowledge competency as a Quality Management Systems Auditor.