

Nadcap's NDT Practices

By Israel M. Vásquez

Background:

This two (2) day course will provide an understanding of Nadcap's NDT (AC7114) requirements, how to comply and implement the learned requirements as part of the continual improvement process. This will be done by providing examples and suggestions for the attendees, in order to assist them and their company in making a smoother transition through the Nadcap process, meeting customer requirements, and thus also improving their NDT systems. The seminar will cover an interpretation of the Nadcap NDT Baseline Checklist, and provide insight to the NDT Supplemental (Prime requirements) checklists.

Intended Audience:

Quality Managers, Quality Engineers, NDT supervisors, Technicians, Responsible Level 3's and Quality Systems / NDT Auditors – First Party (Internal), Second party (Customers), whom need to gain an insight and a comprehensive understanding of changes in the Aerospace industry pertaining to the most recent NDT practices.

Topics to be addressed by this course are:

AC7114 – Part 1

- Instructions for the Auditors (What they expect from the Supplier)
- Instructions for the Supplier (What you need to provide to the auditor)
- Corrective Action (Verification and Follow-up of previous NCR's)
- Customer Requirements (Mfg. sequences vs. NDT)
- Procurement (NDT materials, and services)
- Internal NDT Audits (What, who and when)
- Performance Reviews (Who, how to document and control)
- NDT Inspection Status (Stamp Control)

AC7114 – Part 2

- What should be in your Written Practice (**And the latest NAS 410-3 requirements**)
- NDT Certification Records (How to properly document)
- Administration of Examinations (And how to develop)
- NDT Examination Requirements (General, Specific and Practical examinations)
- Level 3 Certifications Requirements
- Visual Acuity Requirements (Eye examinations, delegation, documentation)
- Requirements for Outside Agencies (Review of qualifications / certifications)
- Training Requirements (Internal and from outside sources)

AC7114 – Part 3

- Inspection / Records / Procedures
- Authorized changes (Whom and how to document)
- Inspection Records (What needs to be recorded)
- Work Orders / Shop Traveler (Flow-down requirements)
- Calibration requirements (Flow-down requirements, purchasing, review of certificates)
- Extension / Reduction of Calibration Intervals (Need / don't need)
- Process Control Failure (Actions to be taken and Customer Notification)

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Demonstration of Learning:

Attendees are encouraged to participate by providing their understanding of the requirements, and by asking questions throughout the course. The Instructor will share from his own experiences numerous examples of Non-compliances (NCR's) consequences; shortcomings and pit-falls he has encountered while providing consultation services or has seen as a Nadcap NDT Auditor, for which with audience participation should be a comprehensive learning event.

ASNT Re-Certification Points:

In accordance with ASNT's 25-Point ACCP & ASNT NDT Level 3 Renewal Application policy; by attending this NDT related seminar; a Level 3 candidate may claim up to five (actually 5.33) points for re-certification for the two (2) day seminar (a total of 16 contact hours) as stated:

Attending technical sessions, seminars or panels at local ASNT Section or at NDT-related national meetings. 1 point per 3 contact hours - with a maximum total of 10 points allowed for the five (5) year period.

NAS 410 Re-Certification Points:

By attending this NDT related seminar; in accordance with NAS 410-3, Annex A and Table A.1: Level 3 Awarded Credit Activity, a Level 3 candidate may claim up to four (4.0) points for re-certification for the two (2) day seminar (a total of 16 contact hours) as follows:

Participating in technical courses or seminars - for every eight (8) hours of documented instruction two (2) points may be claimed with a maximum total of eight (8) points allowed for the five (5) year period.

Evidence of seminar participation shall be in the form of a Certificate of Attendance which will denote the contact hours, the course subject, course dates, Instructor's name and your (Name) participation.

Instructor:

Mr. Israel M. Vásquez has over 37 years experience in a Quality Assurance / Nondestructive Testing capacity, and is an independent consultant. He has been a Lead Nadcap NDT / Quality Systems Auditor (since 1992) for the Performance Review Institute (PRI) a division of The Society of Automotive Engineers (SAE), and has conducted over 500 Quality System / NDT audits for the Nadcap Program in the USA, Canada, Mexico, Japan, Korea, Taiwan, Israel, The Netherlands, and Australia. Mr. Vásquez is an ASNT Level 3 Certificate holder for over twenty (20) in three NDT methods, and is an ASNT Fellow Candidate (Class of 2009).


Mr. Vásquez is a member of ASNT, ASQ, and ASTM and has held Level 3 Certifications from several major Aerospace / Defense Contractors such as Lockheed Missiles & Space Company, Bell Helicopter, Allied-Signal (Honeywell) and Bettis Atomic Laboratory (Naval Nuclear Program).

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Course Dates and Location:

Tuesday, September 22nd & Wednesday the 23rd, 2009 - From: 8:00 – 4:00

<p>Location:</p>  <p>9000 W. College Pkwy. Palos Hills, IL 60465-0937 (708) 974-4300</p>	<p>Reservations:</p>  <p>Phone: (630) 213-3432 Fax: (630) 213-3495</p>
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Training Registration Form Course: Nadcap's NDT Practices Dates: September 22nd & 23rd, 2009

Name: _____
(Please provide the name as you would like it to appear on your training certificate)

Company Name: _____

Address: _____

City: _____ State / Province: _____

Country: _____ Zip Code: _____

Telephone: () _____ Fax: () _____
Area Code Area Code

E-mail: _____ Date of Birth: _____

Morraine Valley Community College use only

**Seminar Fee: \$300.00 USD / Student - Includes all handouts, and Certificates of Attendance.
Please make checks payable to: Vastek Consulting – 7290 Jasmine Drive, Hanover Park, IL 60133**

Cancellation Policy: All cancellations must be requested in writing. Cancellations received on or before Tuesday, September 8th, 2009 are subject to a \$150 service charge. No refunds after Monday, September 14, 2009. No shows, (no notification of cancellation), are not entitled to a refund. Fax cancellation request to 630-213-3495.

E-mail: vastek.consulting@gmail.com