

Jeffrey A. Wagner

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PROFILE

Jeff Wagner has been providing military grade quality and professionalism in the NDT industry for over 30 years. The owner of NDT Quality Assurance LLC, he also currently serves as the Navy Nuclear QA Specialist for the U.S. Department of Defense. Prior to that, he worked for the U.S. Navy at Indian Head. He has additionally worked with NASA, as well as in other assignments in the areas of aerospace, ordnance and manufacturing inspection. Mr. Wagner is a veteran of the Pennsylvania National Guard, 193rd Special Operations Group. In recognition of excellence and service, he is the recipient of numerous military and civilian awards including the prestigious National Defense Service Medal and the Meritorious Service Medal as well as ASNT's Advancement of Active Military and Veterans in NDT recognition.

A trusted and well-respected name in the NDT, Mr. Wagner's proven track record in customizing and delivering top notch training courses, auditing and other Level III services that result in significantly improved quality, efficiency and cost-savings make him a highly sought after professional by leading NDT companies and branches of the military nationwide.

As part of Mr. Wagner's commitment to the progress of NDT, he is actively involved in numerous professional organizations such as American Society of Non-Destructive Testing (ASNT), Greater Houston ASNT, Defense Working Group for Non-Destructive Testing, Federal Working Group for Industrial Digital Radiography and ASQ Houston. Mr. Wagner has setup two NDT programs benefiting active military service members and veterans at GHASNT and has worked with ASNT on the national level to develop inroads with military NDT training schools by providing a point of contact for each school.

CERTIFICATIONS & TRAINING

CURRENT CERTIFICATIONS:

ASNT Level III (Cert #84816): Radiography, Ultrasound, Magnetic Particle, Eddy Current, Penetrant Testing and IRRSP.

Navy Nuclear NDT Examiner: NAVSEA 250-1500-1 MT, PT, RT, UT, VT and Mil-STD-2132 MT, PT, RT, UT

DCMA NDT Examiner: (T9074-AS-GIB-010/271 ACN1) MT, PT, RT, UT, ET

DCMA NDT level II: Shearography

AWS: Certified Welding Inspector (AWS-CWI)

PRIOR CERTIFICATIONS:

FAA certified NDT Repairman Level II: PT, UT, ET, MT (06/1994-06/1996)

Indian Head: MIL-STD-410 Level III RT, UT, MT, PT, Level II ET

Air Force 7 Level: NDI - PT, UT, ET, MT, RT

Lebanon Steel Foundry: SNT-TC-1A and MIL-STD-410 Level II - UT, RT

Independent Testing Laboratories: SNT-TC-1A Level I - AE, MT, UT, PT

JOB RELATED TRAINING:

Lean Six Sigma Green Belt, ASQ-CQT, AS9100 ISO Audit, DAWIA PQM Certified Level III

PROFESSIONAL EXPERIENCE

Owner & Manager

NDT QUALITY ASSURANCE LLC • WWW.NDTQA.COM • JULY 2011 – PRESENT

Manage and operate all aspects of company business including consulting, training, auditing, procedure writing, and other Level III NDT services. Currently contracted with several clients in various industries including rail, oil & gas, mechanical properties testing and aerospace.

- Manage and operate all aspects of company business.
- Develop and implement customer-specific NDT training and testing curriculum that focuses on the equipment and procedures utilized during their daily inspections. This training meets or exceeds industry standards identified in ASNT-CP105.
- Develop or review NDT procedures to industry standards such as ASME, ASTM, AWS, FAA, etc.
- Perform comprehensive auditing services.
- Facilitate cost-effective NDT equipment selection and purchase as third-party consultant.
- Perform third party inspection witness for clients who do not have expertise in house or who are out of the area.
- Increase clients' inspection throughput by applying an in-depth NDT knowledge coupled with lean Six-Sigma principles.
- Develop inspection techniques for Level III clients confronted with unique or difficult part configurations.

Quality Assurance Specialist • Grade Level: GS-1910-13

DEFENSE CONTRACT MANAGEMENT AGENCY • MARCH 2007 – PRESENT

Senior Nuclear Non-Destructive Testing (NDT) Examiner and Material Process Specialist assigned to the Mission Training Group of the Navy Special Emphasis Operation (NSEO) Contract Management Office (CMO) responsible for the development and maintenance of the entire Non-Destructive Testing Program for the CMO in accordance with NAVSEA 250-1500-1, MIL-STD-2132, and Mil-Std-271/T9074-AS-GIB-010/271. Certified level III / Nuclear Test Examiner in the following NDT methods: Liquid Penetrant, Magnetic Particle, Radiography, Eddy Current, Visual, and Ultrasonic.

- Assess the adequacy and effectiveness of the NSEO NDT Program to ensure the Quality Assurance Specialists (QAS) performing NDT tasks are properly trained and certified by analyzing supplier's NDT inspection data during audits/reviews and performing staff oversight at NSEO NDT Program field operations.
- Develop innovative NDT training curriculum that focuses on auditing and oversight rather than inspection alone coupled with examples of practical applications in general theory explanations to reduce the learning curve and shorten the time before fielded QAS were proficient at performing NDT oversight. **This change of curriculum plus post-training follow-up, strategic mentoring and enhanced oversight reduced the program's product quality deficiencies for NDT by more than 50% in the last 4 years.**
- Provide technical expertise to NSEO management, field personnel, CMO customers, and other DoD personnel and serve as the NDT expert and liaison with customers including Naval Sea Systems Command Technical Representative (NSTR), the Naval Inventory Control Point (NAVICP), Naval Shipyards, Naval Sea Systems Command (NAVSEA) and its Technical Warrant Holders and Process Sponsors.

Quality Assurance Specialist (DCMA-NASA) • Grade Level: GS-1910-12
DEFENSE CONTRACT MANAGEMENT AGENCY • FEBRUARY 2006 – MARCH 2007

DCMA Nondestructive Testing Expert Technical Consultant serving as the NASA Michoud Assembly Facility (MAF) Resident Management Office (RMO) Nondestructive Testing (NDT) technical expert and consultant to both the RMO and to NASA Marshall Space Flight Center (MSFC) on the Space Shuttle External Tank NDT Program. Provided direct support to NASA MSFC External Tank Team including the Fracture Control Board (FCB) and Material Review Board (MRB) members for the disposition of critical flight hardware.

- In a post Hurricane Katrina contractor facility clean-up, hired to monitor the contractor's NDT programs and related quality processes. Through technical analysis of the contractor's operations, process capabilities and quality control systems, led quality assurance professionals in the surveillance and evaluation of the contractor's NDT Program for the remaining External Tanks.
- Provided functional support and assistance in the resolution of systemic technical quality assurance problems such as the interpretation of External Tank foam indications detected using exotic inspection techniques such as x-ray back scatter, terahertz or shearography inspection. Planned and managed the qualification and certification of DCMA personnel engaged in contractually required NDT activities.

Engineering Technician • Grade Level: GS-802-12

INDIAN HEAD NAVAL SURFACE WARFARE CENTER, US NAVY • JUNE 1995 – FEBRUARY 2006

Technical authority/subject matter expert for a major Navy test center as an ASNT certified level III in radiography, ultrasonics, magnetic particle and liquid penetrant.

- Provided pre- and post-supplier contract award reviews, first article inspection, audits, surveillance and consulting services for the Naval Surface Warfare Center, NATO foreign military, DOD, Navy and commercial vendors to ensure compliance to technical directives, procedures and policies.
- Designed tests and performed inspections providing recommendation of serviceability for man-rated energetic and aerospace items with administrative direction of technical objectives.
- Independently planned and conducted major NDT R&D programs from initiating proposals, marketing, ensuring availability of resources, monitoring progress via milestone accomplishments and researching and generating professional reports, publications and presentations.
- Participated in validation of test and evaluation of prototype ultrasonic and high and low energy radiographic systems in high visibility programs such as Mk. 58 Sparrow missile, ESSM, Standard Missile, BLU-109, numerous JATOS and Man-Rated Items. Many of these weapon systems went on to be used in the Iraq and Afghanistan wars.
- Interfaced with engineering and scientific personnel directing the activities of this Warfare Center as well as foreign military, DOD, Navy, other federal agencies, IPT's, Base Commanders and private industry to provide insight for risk assessment and discuss technical aspects of test and evaluation requirements for nondestructive testing via oral and written reports and technical papers available for peer review.
- Used Lean Six Sigma techniques learned at Greenbelt classes to improved product inspection times and reduced the number of re-inspections.

NDI Aviation Inspector

STAMBAUGHS AIR SERVICE, HARRISBURG INTERNATIONAL AIRPORT • APRIL 1994 – JUNE 1995

As a FAA certified NDT repairman, performed inspection of commercial aircraft (727, DC8, DC9, F27, Cessna and others), read and interpreted service bulletins, aging aircraft and airworthiness directives, set up and calibrated equipment to conduct ultrasonic, eddy current, magnetic particle, penetrant and conductivity NDT inspections and evaluated results to FAA codes, standards and specifications.

NDI Shop Supervisor • Grade Level: WG-5439-11

PENNSYLVANIA AIR NATIONAL GUARD, 193RD SPECIAL OPERATIONS GROUP • FEBRUARY 1991 – JUNE 1995

Managed and lead nondestructive inspection personnel in the inspection of Air Force assets during and after the 1990 Gulf war.

- Planned work schedules and sequence of operations for subordinates. Selected workers and assigned tasks to be performed. Reviewed work in progress to ensure compliance with policies and procedures and provided employee training and evaluate effectiveness of training through task qualification and oral/written exam. Monitored and counseled employees regarding conduct or performance issues. Scheduled and approved leave.
- As 7 level NDI inspector, performed ultrasonic, eddy current, radiographic, magnetic particle, penetrant and visual NDT tests IAW Air Force Technical Directives on C-130 & various military helicopters. Read and interpreted documents, mil-specs, and test plans and ensured safety precautions were observed. (Radiation, fuel cell, flight line).

Process Control Technician • Junior Manufacturing Engineer

DOEHLER/JARVIS (ALUMINUM DIE CASTER) • AUGUST 1989 – FEBRUARY 1991

Provided technical support to all those involved directly and indirectly in the casting process (quality improvement teams, management, production personnel and customers). Provided timely corrections to faulty processes, developed and evaluated scientific experiments, verified statistical process control and recommended serviceability of parts.

Quality Assurance Inspector

LEBANON STEEL FOUNDRY • JUNE 1988 – AUGUST 1989

As an NDT Inspector, developed inspection techniques, set-up and calibrated equipment and interpreted and evaluated results to codes, standards and specifications. Radiographically inspected large steel castings using 1 and 2 MEV Linatron equipment and ultrasonically inspected castings for defect location.

Man-lift Device Inspector

INDEPENDENT TESTING LABORATORIES • APRIL 1987 – MAY 1988

Inspected Man-lift Devices using various NDT Methods (AE, MT, PT, UT) and performed dielectric, ohms, and voltage testing of fiberglass composites.

EDUCATION

Associates Degree – Metals Technology • Community College of the Air Force • 1993

PROFESSIONAL AFFILIATIONS

American Society for Nondestructive Testing (Houston Section Officer)
Defense Working Group for Nondestructive Testing
Federal Working Group for Industrial Digital Radiography

AWARDS

MILITARY AWARDS:

National Defense Service Medal
Air Force Longevity Service Award Ribbon
Meritorious Service Medal
Air Force Training Ribbon

ASNT CIVILIAN AWARD:

ASNT's Advancement of Active Military
and Veterans in NDT recognition

DCMA CIVILIAN AWARDS:

Performance Award 04/2016
Performance Award 04/2015
Performance Award 09/2014
Performance Award 04/2014
Performance Award 07/2013
Performance Award 01/2012
Performance Award 12/2011
Performance /Time off Award 09/2010
Core Value Award 07/2010
Performance /Time off Award 01/2010
Core Value Award 06/2009
Performance Award 12/2008
Time off Award 12/2008
Performance Award 7/2008
Special Act/ Service Award 6/2008