



DENNIS CORPORATION

Tommy Dowd 1995 - Present (Career) QA/QC Manager / NDT Level III

Mr. Dowd possesses fourteen years work experience within N.D.T. and Q.A./Q.C. His experience covers an array of industries including Cellular and Broadcast Towers, Commercial Buildings, Industrial Buildings, Highway/Transportation, Utilities, Manufacturing/Paper Industry, Nuclear, Pipe Fabrication (Spiral, Seam, and Seamless), Structural Fabrication, Ship Yard and Steel Mill. Within these industries, Mr. Dowd has had supervisory roles such as Quality Control Manager, Owner Operator, Project Manager, and Lead Q.C.

Mr. Dowd's work experience prior to joining Dennis Corporation includes:

- ❑ **N.D.E. Tech. CWI, Columbia, SC** - Mr. Dowd performed various methods of N.D.E. including but not limited to; magnetic particle, liquid penetrant, ultrasonic (shearwave and longitudinal) and radiography. He also executed audits and conducted structural analysis of cellular and broadcast towers. Completion of fab shop inspections and audits consisting of paint inspection, dimension verification, weld inspections and monitoring/performing N.D.E were other aspects of his duties.
- ❑ **Quality Control, Various Firms throughout the Southeast-** Working within various roles within Quality Control, Mr. Dowd served as Quality Control Manager, Lead QC, Owner Operation and Project Manager in several firms during his professional tenure. Mr. Dowd was responsible for performing weld inspections, pipe fit-up verification, tube joint fit up, pipe orientation, valve orientation, and dimension verifications. He worked with AWS D1.1, ASME Sect I, II, VII, VIII and IX, and ASME B31.1 and B31.3, and AWWA. His other duties included weld mapping, document control, monitoring radiographic and ultrasonic testing of welds, creating red line drawings, ship inspections, structural inspections of the field and shop. He also attained experience with visual, magnetic partial and shear wave UT (submersion inline and contact) inspection of spiral pipe welds within his quality control roles. Furthermore, Mr. Dowd executed audits and conducted structural analysis of cellular and broadcast towers. Specifically as Quality Control Manager, he wrote a NOA-1 Quality Manual and procedures for Quality, Process Control and Testing.

Mr. Dowd's project experience before joining Dennis Corporation includes:

- ❑ **Variety of Projects with Structures ranging from 200' Monopoles to 1000' Guy Towers-** Mr. Dowd has collectively, with other members of the Dennis Corporation QA/QC/ NDT Division, have performed structural inspections on the following projects:
 - Tower 4 of the World Trade Center and Memorial Building
 - American Towers
 - Crown Castel International
 - KTA Tater
 - One Bryant Park
 - River Place II
 - East River Plaza
 - Harlem Hospital

- Revel Casino
- Citigroup Building
- Diamond Towers

Training and Certifications

- ⇒ ASNT CCP Level II in MT, PT, UT, VT & RT ASNT #141342
- ⇒ ASNT CCP Level II VT - Dennis Corporation
- ⇒ CWI #00100281
- ⇒ CWI Renewal 2009-2012
- ⇒ DHEC Asbestos Abatement License
- ⇒ Kraut Kramer UT Trained Level 1 and Level 2
- ⇒ NDE Level II MT, PT, RT, UT and VT - certified with Law Engineering (now Mactec) in accordance with SNT-TC-1A
- ⇒ NDE Level II PT - certified with Carolina Energy in accordance with SNT-TC-1A
- ⇒ NDE Level II MT, PT, RT, UT and VT - certified with Land and Industrial Testing in accordance with SNT-TC-1A
- ⇒ NDE Level II MT, PT, RT, UT and VT - certified with Lake Murray Steel Inspection in accordance with SNT-TC-1A
- ⇒ NDE Level II MT, PT, VT and LT (Pressure Change and Bubble Check) - Certified with Muns Welding and mechanical in accordance with SNT-TC-1A
- ⇒ NDE Level III MT, PT and VT - certified with Muns Welding and Mechanical in accordance with SNT-TC-1A
- ⇒ NDE Level II MT, PT, UT and VT - certified with Precision Weld Inspection, LLC (PWI) in accordance with SNT-TC-1A
- ⇒ NDE Level II MT, PT, UT and VT - certified with Dennis Corporation in accordance with SNT-TC-1A
- ⇒ Nuclear Lead Auditor – Atlanta, GA; December 8-11, 2009 (Arsenal Consulting, Inc.)
- ⇒ Sampling and Evaluating Asbestos (NIOSH 582)
- ⇒ Supervision of Asbestos Abatement

Professional Memberships an Associations

- ⇒ Chairman (2001-2002)– American Welding Society , Chapter 154
- ⇒ Treasurer (2006-Present) – American Welding Society, Chapter 154
- ⇒ Member of the American Welding Society
- ⇒ South Carolina Medical University – 1995-1996