

Curriculum Vitae

Dan Hook

Daniel Hook is the Chief Operating Officer of Western Electrical Services Inc. He joined the group in 2004 and has been in the industrial electrical industry for over 18 years with the US Navy and civilian experience. Daniel holds a Masters degree in Electric Power Engineering from Rensselaer Polytechnic Institute in Troy, New York, and he maintains his professional engineer's license in Washington State and Arizona. He is a Certified Journeyman Electric Motor/Generator Repairman (US Department of Labor, US Department of the Navy). The National Institute for Certification in Engineering Technologies (NICET) certifies him to level III in the area of Electrical Testing Engineering Technology. Daniel spent over a decade in the US Navy as an Electrician's Mate (Nuclear Community) maintaining and testing all aspects of generation, distribution, control equipment, and distribution system protection as it applied to nuclear submarines. In addition he completed two successful Nuclear Instructor tours, employing both on the job training and a class room environment, to mentor the US Navy's future Nuclear Officers and Enlisted men. Daniel was awarded the Navy and Marine Corp Achievement Medal (NAM) for meritorious service vital to national security aboard the USS Topeka SSN 754.

PROFESSIONAL EXPERIENCE

Western Electrical Services/Advanced Electrical Testing, Inc. 2004 – Present

Chief Operating Officer

- Responsible for technical review of procedures and results analysis for all acceptance testing, commissioning, and maintenance projects
- Supervises and train junior field test personnel
- Responsible for project management, billing, marketing, and educational advances
- Performs arc flash, fault, and coordination studies
- Performs harmonic analysis and troubleshooting
- Performs electrical equipment acceptance and maintenance testing, troubleshooting, and repair
- Performs consulting for electrical equipment design and protection schemes

US NAVY, Nuclear Power Training Unit, Ballston Spa, NY 2002-2004

Senior Classroom Instructor

- Designated as "Master Training Specialist" by the Chief of Naval Education and Training
- Management, mentoring, and lecturing of multiple classes of 25 prospective nuclear operators in the proper operation and maintenance of a pressurized water reactor plant
- Aided in the development and implementation of new classroom-based instruction for an arduous technical training program

US NAVY, Nuclear Power Training Unit, Ballston Spa, NY 2000-2002

Electrical Division Senior Supervisor

- Responsible to Department Manager for the proper completion of electrical maintenance, testing, training and performance of 25 subordinates
- Qualified Engineering Watch Supervisor/Engineering Duty Petty Officer. These watches are responsible for overseeing all operations in the engineering spaces, while operating the reactor at power as well as complex maintenance evolutions when shutdown
- Qualified Engineering Watch Supervisor/Engineering Duty Petty Officer. These watches are responsible for overseeing all operations in the engineering spaces, while operating the reactor at power as well as complex maintenance evolutions when shutdown

Curriculum Vitae / Dan Hook (continued)

- Hand selected by Plant Management to supervise the operations of the complex computer simulation model for qualification of new operators, and he maintains his professional engineers license in WA state.

US NAVY, USS Topeka, SSN 754

1995-2000

Submarine Nuclear Propulsion Plant Supervisor

- Supervised and performed operations, maintenance, analytical troubleshooting, quality assurance inspections and testing of standard and specialized reactor engineering systems

US NAVY, Nuclear Power Training Unit, Idaho Falls, ID

1994-1995

Nuclear Propulsion Plant Instructor

- Hand selected from a graduating class of over 100 students to remain at the nuclear prototype to mentor and train future classes
- Assisted in the complex decommissioning procedure for final shutdown of the prototype reactor

CERTIFICATIONS

- NICET Level III, Electrical Testing Engineering Technology
- Electric Motor and Generator Repairer (Any Industry), Journeyman Department of Labor, August 2000
- Department of Defense, SECRET security clearance
- Professional Engineer, WA#43256 AZ#50347

TRAINING & EDUCATION

- Master's Business Administration, Pacific Lutheran University, Graduation 2011-2012
- Master of Engineering, Electric Power Engineering, Rensselaer Polytechnic Institute, 2004, Summa Cum Laude
- Bachelor of Science, Nuclear Engineering, Rensselaer Polytechnic Institute, 2003, Summa Cum Laude
- E-Hazard.com NFPA70E Trainer
- Nuclear Propulsion Program, US Navy, Top 10% of class each phase, 1994
- Electrician's Mate (Nuclear) "A" School, US Navy, Class Valedictorian, 1993
- Application of Static Control Devices for Submarines, US Navy, 1996
- Submarine Electrical Control and Distribution Devices II, US Navy, 1996
- 500kw And 43.2kw Motor Generator Mechanical Maintenance, US Navy, 1996
- Submarine Power Generating Devices II, US Navy, 1996
- Advanced Submarine Storage Battery, Theory, Operation, and Maintenance, US Navy, 1996
- Submarine Force Quality Assurance Inspector, US Navy, 1997

RECOGNITION AND AWARDS

- Recipient of the Grainger Scholarship Award for a promising future in Electric Power Engineering
- Received honorable induction into the Alpha Nu Sigma Society for outstanding achievements in Undergraduate work in Nuclear Engineering
- Recently published in the International Electrical Testing Association's Quarterly NETA World magazine a short article on the subject of circuit breaker testing.