

Client Name

Test Manager Profile

Highly organized and detail-oriented professional with demonstrated success in determining quality assurance parameters, overseeing drafting of testing documents, and designing test procedures.

Skilled in utilizing technical manuals, engineering drawings, and test equipment to provide technical requirements and ensure effective production. Adept at coordinating with various stakeholders, including Ship's Force, project managers, contractors, and technical authority representatives, to plan and execute Combat System repairs, testing, and conversions. Strong expertise in conducting shipboard testing, troubleshooting, and repair of complex systems, including masts, antennas, sensors, and LVPS. Experienced in conducting strength and tightness tests, reviewing test data, and reporting progress. Exceptional abilities in interpreting technical drawings and requirements, coordinating with temporary services for necessary resources, and delivering cost-effective results. Knowledgeable in Microsoft products, including Win10, XP, Excel, Microsoft Teams, Flank Speed, and Power Point.

Areas of Expertise

- Inspection Procedures
- Technical Support
- Electronics Testing
- Schematics Interpretation
- Strategic Planning
- Test Planning & Documentation
- Project Management
- Technical Drawings
- Troubleshooting & Diagnostics

Career Experience

USN Puget Sound Naval Shipyard, Bremerton, WA

2005 – Present

Chief Test Engineer

2016 – Present

Manage all aspects of combat systems technical support, testing, and operations for an SSGN platform. Utilize technical manuals and engineering drawings to provide technical and test requirements to production. Conduct temporary duty assignments for Voyage Repair Projects and manage sensitive information and material. Supervise a combat systems project staff of seven members and follow EEO principles to create a positive work environment. Assign tasks to support project execution and hold self and others accountable for cost-effective results.

- Coordinated with Ship's Force on issues affecting the ship's condition, repair work, and CS testing.
- Liaised with project managers, contractors, and technical authority representatives to plan and execute Combat System repairs and testing.
- Completed and certified multiple (CMAV) Continuous Maintenance Availabilities for the SSGN 726 Ohio and 2 CNO Availabilities successfully.

Engineering Technician

2009 – 2016

Coordinated and scheduled technical work documents and test procedures as a lead trouble-desk representative for combat systems. managed databases for scheduling work, providing technical direction, and ordering material to achieve project objectives. Functioned as lead technician and systems expert for removal, overhaul, reinstallation, testing, and troubleshooting of shipboard systems. Provided input to division head, branch manager, and project APS for document status and prepared Job Summaries. Generated work documents with required Work Authorization Forms to ensure proper work safety and sequence.

- Performed and directed shipboard testing on Combat Systems equipment and analyzed test data to troubleshoot problems and resolve test failures.
- Conducted ship checks to determine corrective action and monitored production progress that affected testing schedules and Key Events.
- Completed five different Sea trials on three different class of submarines.

Electronics Mechanic

2005 – 2009

Participated in Voyage Repair Projects in Guam to perform maintenance and repairs and provide technical guidance. Led a crew on the removal and replacement of the Photonics Mast and other masts. Held responsible for electronics testing involving masts, antennas, and sensors. Qualified as a shipboard system test director and ensured compliance with procedural steps and specifications. Troubleshoot and repaired LVPS for NTDS display consoles and conducted RF sweeps on Type 18B E&E Periscope. Installed Type 8 periscope dip loop assembly and tested BRD-7 antenna. Provided direct training and mentored personnel for Sail Safety controlled evolutions. Ran encapsulated cables, set dip loops, and tested cables for a multitude of antennas, periscopes, snorkels, and mast location switches.

- Performed installation of spherical array transducers and completed rip-out and removal of wire ways and equipment during a D-5 conversion.
- Worked with Combat Systems Electronics on various systems and well-versed in electrical theory, electronic terms, and schematic symbols.

OED Systems Inc., Bremerton, WA

Test Director

2005

Supervised a 12-person team of Marine Electrician contractors in converting a US Navy Submarine and coordinated with other trades to accomplish company goals. Dealt with a variety of people under different circumstances and worked in a team environment. Oversaw team members to ensure compliance with US Navy standards and maintained good working relationships with representatives of other organizations. Conducted Strength and tightness tests on tanks and piping and reviewed test data to report schedule progress. Experienced in using various test equipment.

- Worked as test director for testing of tanks, pipes, and Electrical equipment on board U.S. Navy submarines.
- Coordinated with temporary services for the supply of water and removal of water involved with hydro's of tanks on board ships and submarines.
- Performed planning and estimating work and interpreted technical testing requirements from piping, mechanical, and electrical drawings.

Additional Experience

Fire Controlman Second Class (SW) | U.S. Navy, Everett, WA

Education

Completed Coursework Towards Associate of Science Degree | Northwest Aviation College, Auburn, WA

Basic Electronics/Solid State | Advanced Electronics Technical Core, Great Lakes, IL

Operation and Maintenance | MK-15 Close-in-Weapon System (CIWS), Dam Neck, WA

Licenses & Certifications

Enlisted Surface Warfare Specialist (SW)

Completed Project Management Fundamentals course Honolulu, HI

Participated in Lean workshops and Rapid Improvement Events