

Daniel P.
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Objective

Quality Assurance assignments that utilize my skills in Gas Turbine Engines, Generators, and Compressors with emphasis on turbine design, operations, performance testing, troubleshooting and maintenance.

Work Experience

Quality Assurance Inspector

JUN 2008 – Present: [Oceanfront Engineering Inc.](#)

- The primary functions are inspections, testing, expediting and third party surveillance activities as related to cryogenic API pumps, motors, gas turbines, steam turbines, control panels, electronic gear, analyzers, compressors, ANSI piping, ASME vessels, structural steel, valves, lube oil systems, submersible equipment and all operations associated with factory acceptance testing and evaluation of performance and functional data. Witness hydrostatic testing and Non-destructive testing of welds to determine specification conformance. Clients include Oceanfront Engineering, US Navy, US Marines and fortune 500 companies.
- Experience with Solar Turbines including the Centaur 50, Mercury 50, Mars 100, Titan 130, Gas Turbine Generator Set Enclosure Inspection, Final Package Inspection, CO2 Dump Testing, Compressor Closed Loop Testing, Engine Performance Testing and Customer Software Testing. Pump Performance testing at Carter Cryogenics, Ebara International, Flowserve Pump and Gould Pump. Compressor. Drilling rig equipment Inspection at National Oilwell Varco. Rotary Screw Compressor. Project Inspections at Kobelco EDTI Compressors. Valve Inspections at DHV and Western Valve. Expansion Joint Inspection at EJS.

Quality Assurance Representative for Jet Engine Maintenance

SEP 2006 – JUN 2008: United States Marine Corps

- Primary function is the prevention of occurrence of defects in all aspects of aviation maintenance.
- Supervise and inspect maintenance, repair and rebuild of aircraft power plants, functional components, and parts such as hydraulic units, fuel systems, lubrication systems, electrical systems, rigging, gaskets, and seals.
- Examine and inspect all aircraft power plants components, including Auxiliary Power Units, hydraulic systems, and anti-ice units to locate cracks, breaks, leaks, or other defects.

Jet Engine Mechanic

FEB 2004 – SEP 2006: United States Marine Corps

- Inspect, maintain, and repairs aircraft power plants
- Interprets shop sketches, drawings, schematics, and blueprints
- Assemble, disassemble, and repair power plants and power plants systems.
- Performs maintenance on ground support equipment and power plant test cells.
- Knows types and designations of fuels and lubricants and uses color-coded charts for lines and tubing
- Performs corrosion control and prevention procedures

Education

Aviation Machinist's Mate Course	Graduated - FEB 2004
Corrosion Control Course	Completed - FEB 2004
Helicopter Fundamentals Strand	Graduated - FEB 2004
H-53 Power Plant Intermediate Maintenance	Graduated - APR 2004
Leadership Course	Completed - NOV 2004
Work Center Hazardous Waste Handler Training	Certified - JUL 2005
Theory & Construction of Gas Turbine Engines	Completed - MAR 2006
ORM Aviation Fundamentals Course	Completed - OCT 2007
Supervisory Management Course	Diploma - MAR 2007

AWARDS

- Navy Meritorious Unit Commendation
- Two Navy and Marine Corps Achievement Medals
- Marine Corps Good Conduct Medal

SKILLS

- Reading and interpreting maintenance manuals, service bulletins, and other specifications to determine the feasibility and method of repairing or replacing malfunctioning or damaged components.
- Conduct routine and special inspections as required by regulations.
- Inspect the replacement or repair of worn, defective, or damaged components, using hand tools, gauges, and testing equipment.
- Measure parts for wear, using precision calibrated instruments.
- Maintain repair logs, and documenting all preventative and corrective maintenance while utilizing in-process inspections.
- Critical thinking and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.