

## **NAME**

Address

Address

Phone / e-mail

*(This resume format is designed to bring out your "hands-on" experience, even though as a Navy MM you had significant leadership experience. Examples need quantified components and results. List awards in the bullets were applicable. Keep training and administrative jobs to a minimum as they will take the spot light away from your engineering experience. Two pages is the perfect length based on a 20-year Navy career.)*

### **POSITION OBJECTIVE** *(this is just an example, use it to highlight your strongest traits)*

Field Service specialist in the AC&R or HVAC field with a full range of responsibilities that require a highly motivated technician with heavy electro-mechanical maintenance and technical quality assurance background.

### **SUMMARY** *(be general in this section, but highlight mechanical systems and expertise)*

Over twenty years of technical experience in progressively more responsible positions for the safe operation, maintenance and repair of mechanical, propulsion plant systems within diverse engineering environments. Excellent customer service and problem-solving experience. Specific system and equipment experience includes:

- Six years of experience as a field service technician in the installation, maintenance and repair of large industrial HVAC equipment, chillers, and associated control systems; including complete chiller tear downs.
- 20 years of military experience in the maintenance, operations, repair, and inspection of steam turbines, Lithium Bromide Air Conditioning, 200/175 ton R-114 Air Conditioning, diesel generators, pneumatics, hydraulics, seawater cooling and primary coolant systems.
- Skilled in use of schematics, technical drawings and blueprints to repair and/or replace systems or components.
- *Put in a bullet that outline your general engineering experience*

### **MECHANICAL SYSTEMS EXPERIENCE** *(you can be more specific about your experience)*

- Performed overhaul, repair and upkeep to 4500 psi high pressure air compressors, 10,000 gallon per day distilling units, 3000 KW turbine generators, reduction gears and shaft trains, valves and piping systems (steam, water, pneumatic and hydraulic), centrifugal and positive displacement pumps, 150 refrigerant ton air conditioning units; coordinated and supervised maintenance to all steam plant related equipment.
- Supervised teams over 70 personnel in the complex repair, troubleshooting, fault isolation and testing of nuclear propulsion plants systems at a nuclear prototype. Received **Navy Achievement Medal** for mechanical expertise in identifying a critical system failure and getting the system back online 2 days ahead of schedule.
- Leader of a 5-man crew that performed an at-sea overhaul of a high-pressure brine pump, including bearings, gears and camshaft replacement. The overhaul, which normally takes 6 days, was completed under adverse conditions in 48 hours. Shipyard technical experts recognized our work as excellent craftsmanship.
- Coordinated and directed the efforts of 15 men in completing 7 system hydrostatic retests in a 6-hour period which enabled the ship to get underway for an emergent hurricane avoidance.
- Awarded a **Navy Achievement Medal** for leading the division through a 12-month shipyard period that involved planning the complete replacement of a diesel generator and testing and acceptance of the new Detroit Diesel system.

### **HVAC & Refrigeration Systems:** *(You can build a specific HVAC system functional area to highlight your experience)*

Extensive Background in HVAC and various other Facility Maintenance oriented experiences. Skilled in the complete tear down of centrifugal chillers, overhaul of CRAC units, and the installation, troubleshooting, repair and testing of a wide range of industrial and critical facility air conditioning equipment, systems and controls. Liebert/Emerson certified.

- Responsible for all HVAC service repairs at industrial facilities and contract service repairs at customer sites.
- Equipment and systems repaired include; extensive chilled water systems, complete chiller teardowns, and service repairs on HVAC systems ranging from 2,000-ton Trane chillers to Daikin Systems/Mitsubishi Mini-Splits
- Conducted major system repairs at customer sites that included; rebuild of York absorption chillers, re-tubing and overhaul of numerous absorption chillers, and motor replacement and start-up of Centrivac systems.
- Lead technician in the overhaul, repairs and maintenance on submarine based R-114 York 150-ton centrifugal air conditioning plants and smaller chiller units.
- Four years of industrial refrigeration experience to include large chillers, compressors (20-65hp) and low temperature non-CFC refrigerants. Expert in troubleshooting compressor casualties and system valves.

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**QUALITY ASSURANCE/CONTROL**

- Supervised the writing/review of over thousands of nuclear technical work documents for nuclear repair activities.
- Conducted surveillance's and quality assurance inspections to ensure step by step procedural compliance and attention to detail was enforced to meet demanding specifications required for proper completion of nuclear repair maintenance.
- Directed inspections on all shipyard installations, construction and testing of primary and secondary machinery prior to re-certification and operation. Performed hydrostatic tests on entire engineering systems critical to the safe submerged operation of a nuclear submarine propulsion plant.

*(list any awards received for QA or process improvement related actions/accomplishments)*

**EMPLOYMENT** *(List technical positions, omit administrative collateral duties as they might take attention from your mechanical experience/emphasis.)*

- 2010 to present Johnson Controls, Richmond, VA  
Industrial HVAC field service mechanic
- 2006 to 2010 USS Tennessee (SSBN 734) Kings Bay, GA  
Engineering Department Enlisted Advisor, Engineering Watch Supervisor.
- 2003 to 2006 Trident Refit Facility, Kings Bay GA  
Nuclear Repair Production Supervisor, Repair Duty Officer and Nuclear Repair Coordinator.
- 1998 to 2002 Nuclear Power Training Unit, Charleston, SC  
Lead Planner, promoted to Assistant Repair Officer.
- 1996 to 1998 USS STONEWALL JACKSON (SSBN 634)  
Machinery Division LCPO
- 1991 to 1995 USS Woodrow Wilson (SSBN 624) & Nuclear Power Training Unit, Windsor, CT  
Nuclear Trained Mechanic, Nuclear Welder, Diesel Operator, QA Inspector.  
Nuclear Trained Mechanic, Nuclear Welder, Diesel Operator, QA Inspector.
- 1990 to 1991 Various schools to include Submarine Nuclear Power Welding School, San Diego, CA

**EDUCATION AND TRAINING** *(List maintenance/engineering courses and schools, limit soft skill courses to a few)*

- Tidewater Community College, AS in Mechanical Engineering Technology, Norfolk, VA 2008
- Diesel Operator/Maintenance School
- Evaporator/Distillate plant Operator/Maintenance School
- Quality Assurance/Controlled Material Supervisor School
- Refrigerant (R-114) and Lithium Bromide Air Conditioning Plant School, universal EPA certification
- Oxygen – Acetylene Cutting/Brazing School
- Machine Tool Operator School
- Pump Maintenance School

- Daikin start –up and service Training (2014)
- Mitsubishi start up and service training (2014)

- Programing Slc500 Allen Bradley Controls
- Trane Tracer Summit system programing
- AUTC-ATV66 Square D drive Start and Maint. Certification
- Industrial First Aid Training
- Carrier flowtronic Chiller Certified
- Trane RTAA and RTAB Certified
- Completed numerous factory/safety training course through Emerson, Inc.