Name

Address
Address
Phone / e-mail

QUALIFICATION SUMMARY

Reliable, highly motivated technician with over ten years experience in electro-mechanical corrective and preventive maintenance in both a civilian industrial and Naval nuclear power plant. Dedicated to efficiency, customer service & communication, safety, and top quality craftsmanship.

AREAS OF EXPERTISE

Refrigeration (EPA certified)	Cryogenic systems	Welding
Air dryers	Heat exchangers	Air compressors
Corrective maintenance	Distillation processes	Steam systems/boilers

TECHNICAL EXPERIENCE

Extensive responsibilities involving troubleshooting, repair, installation/removal, alignment, testing, and preventative/corrective maintenance on an assortment of electro-mechanical systems, steam driven equipment and machinery, pumps, valves and nuclear level components.

Outstanding mechanic, performed routine and corrective maintenance on steam systems and various support systems, to include:

- High and low pressure air systems
- Liquid level, temperature, and salinity detectors
- Centrifugal and Reciprocating pumps
- Steam driven turbines
- Lube oil systems
- Oxygen and nitrogen systems *(list any other gases)*
- Control, safety and high pressure valves
- Pneumatic and Hydraulic systems

Refrigeration: Four years of experience as the lead technician in the overhaul, repairs and maintenance on four R-114 York 150-ton centrifugal air conditioning plants. Replaced and rebuilt numerous system valves, compressors, and piping system components. Operated R-114 air conditioning plants on a daily basis. Maintained refrigeration usage logs for all four of the ships R-114 plants. Oversaw refrigerant transfer to and from R-114 plants. Assisted in the overhaul and maintenance of the galley R-12 chiller systems.

Quality Assurance Inspector: Ensured quality of repair to critical systems via inspections and testing, maintained records of repairs to critical systems

TROUBLESHOOTING

Used technical manuals and schematics to troubleshoot and repair mechanical systems to include repairs to high-pressure air systems, air conditioning systems, refrigerant transfer systems, chill water systems, and sea water systems. Awarded two letters of commendation and two Navy Achievement medals for outstanding troubleshooting and repairs to vital ships equipment while deployed.

EMPLOYMENT

US Navy, USS Honolulu (SSN 718) 2002-2009
Mechanical Technician (E5) in the nuclear field

EDUCATION

150 Ton York R-114 Air Conditioning School, Pearl Harbor, HI
Machinist Mate "A" School and Naval Nuclear Power School, Charleston, SC
Nuclear Power Training Unit (Prototype Operations), Saratoga Springs, NY
Nuclear Welding School, Groton, CT
First Baptist Christian School, Wytheville, SC, High School Diploma, 2001

Additional HVAC and AC&R bullets that you could add to your resume:

Refrigeration: Over ten years experience as the lead technician in the overhaul, repairs and maintenance on air conditioning systems ranging from half ton up to 363-ton, both centrifugal and reciprocating plants.

- Conducted complete system overhauls, predictive and corrective maintenance, troubleshooting and repairs to numerous air conditioning and HVAC plants on US Navy ships.
- Expert in troubleshooting compressor casualties and system valves.
- Replaced and rebuilt numerous system valves, compressors, and piping system components.
- Maintained refrigeration usage logs and conducted trend analysis to detect system malfunctions.
- Oversaw and conducted refrigerant transfers on a wide range of equipment and system types. Trained junior personnel on the procedures and regulatory compliance.
- Experienced in the handling and proper disposal of a wide range of refrigerant types (R-11, R-12, R-22, R-134A, 236FA, and 502A), to include low temperature chiller/systems down to -45° F and liquid nitrogen systems down to -236° F.
- Assisted in the complete removal and installation of air conditioning plants aboard US Navy ships during numerous ship dry docking periods while assigned to the Portsmouth Naval Shipyard.