

ENGINEERING LABORATORY TECHNICIAN / MECHANICAL OPERATOR

Dedicated and hard working leader with detailed experience involving the operation, maintenance, troubleshooting, and monitoring of all systems and associated components of a naval aircraft carrier propulsion plant and all associated auxiliary systems. Specialized in chemical sampling and analysis of all radioactive, steam plant, and pure water associated with plant operation, as well as radiation monitoring and implementation of proper radiological controls in all radiological maintenance. A goal-oriented, precise, and self-motivated worker who excels at working independently as well as part of a team, and always motivated to refine work practices and improve efficiency of day to day operations.

KEY STRENGTHS

Radiological Control Supervision
Steam and Water Systems
Maintenance Team Management
Problem Solving
Diagnostics

Water Chemistry Control
Technical Maintenance
Quality Assurance
Professional Communication
Leadership

Radiological Casualty Support
Troubleshooting & Repair
Scheduling & Planning
Mathematics
Hazardous Material Handling & Control

PROFESSIONAL EXPERIENCE

US NAVY, SAN DIEGO, CA

NAVAL MEDICAL CENTER SAN DIEGO

SEPTEMBER 2014 - PRESENT

FACILITIES MAINTENANCE

- Responded to trouble calls to repair or replace broken hospital equipment.
- Trained new personnel on proper handling and storage of hazardous and medical waste, as well as proper inventory and documentation of all incoming and outgoing hazardous medical waste storage containers.
- Documented, organized, and stored medical and hazardous waste generated from routine hospital operations

US NAVY, SAN DIEGO, CA

USS CARL VINSON (CVN 70)

SEPTEMBER 2012 - SEPTEMBER 2014

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- Collected and analyzed samples on several systems including radioactive, steam plant, and pure water. Used the quantitative analytical results to determine trends, correct out of specification results, and identify abnormalities in the associated systems.
- Responsible for the management, tracking, and administration of all radioactive discharges overboard. Successfully completed sixteen radioactive discharges overboard to include four radioactive degas evolutions. Achieved zero deficiencies and a perfectly rated program during all internal and external Reactor Department inspections.
- Selected to be the primary administrator and radiological control supervisor for two major radiological maintenance procedures requiring hundreds of man-hours and over twenty personnel to prepare for and execute. Refined previous methods of staging for the maintenance and documentation methods, which resulted in a significant reduction in both the time required to stage for the maintenance and time required in follow up documentation at the conclusion of maintenance.
- Managed, supervised, and audited approximately one hundred maintenance procedures requiring radiological controls, overseeing all work practices and procedures preventing the spread of radioactive particulate and minimizing radiation exposure to maintenance personnel.
- Trained all new personnel in proper radiological practices, proper laboratory procedure and conduct, casualty procedures, and trend analysis.
- Maintained and calibrated several precision radiation monitoring and detection devices, to include diagnosis, troubleshooting, and repair of any out-of-specification equipment.
- Handled, cataloged, and disposed of a wide variety of radioactive and/or hazardous materials and constituents.

KENNESAW, GA

VARIOUS SALES POSITIONS

JUNE 2007 – JULY 2009

SALES ASSOCIATE

- Top employee in region in warranty and add-on sales. Developed new method of presenting warranties to customers which greatly increased overall sales and customer satisfaction of the products, and trained this new sales method to all employees.

KENNESAW, GA

KENNESAW STATE UNIVERSITY

JUNE 2006 - JUNE 2007

MATHEMATICS TUTOR

- Worked for university tutoring students in upper level mathematics courses such as Calculus 2, Calculus 3, and Linear Algebra

EDUCATION

GOOSE CREEK, SC

NAVAL NUCLEAR POWER TRAINING COMMAND

JULY 2009 – SEPTEMBER 2012

- **Prototype Training (Engineering Laboratory Technician)**, Water Chemistry Control, Laboratory Chemistry, Hazardous Material Handling and Control, Radioactive Material Handling and Control, Corrosion Theory and Control Practices **Graduated 6 of 16 (GPA 3.18)**
- **Prototype Training (Mechanical Operator)**, Nuclear Power Plant Operation, Mechanical Systems Operation, Maintenance Procedures and Troubleshooting, Casualty Response **Graduated 26 of 136 (GPA 3.08)**
- **Nuclear Power School**, Mathematics, Atomic and Nuclear Physics, Fluid Dynamics, Electrical Power Theory and Generation, Nuclear Reactor Technology, Thermodynamics, Chemistry, Materials Science and Metallurgy, Health Physics, Reactor Principles, Radiation Protection Technology **Graduated with Honors 13 of 363 (GPA 3.77)**
- **Nuclear Field 'A' School (Mechanical)**, Basic Machinery, Industrial Safety, Introduction to Mechanical Systems **Graduated with Honors 16 of 52 (GPA 3.60)**