



NAPA VALLEY WINE TRAIN, INC.

DIESEL / POWERPLANT MECHANIC

Description:

Responsible for the inspection, repair and maintenance of the engine and mechanical components, of diesel locomotives.

Summary of Duties:

This position provides hands on engine and train mechanical service.

Inspect and service the diesel locomotive fleet in compliance with company, federal, and industry standards.

Working knowledge of 480 Volt 3 Phase AC and 600 Volt DC Power Generation and related control systems.

Diagnose diesel engine, air compressor, and other locomotive mechanical system malfunctions.

Repair, replace, or rebuild locomotive and diesel engine components as needed.

Prepare equipment and materials as needed, and effectively operate the equipment, including the following:

- Measuring instruments (micrometers, tape measures, dial calipers).

- Precision machines (drill and punch presses, bench lathes).

- Hand tools (drills, wrenches, grinders).

- Material handling equipment (forklifts, jacks, hoists)

Communicate technical information, job briefing information, job procedure recommendations, and other work-related information with others through writing, in-person interaction, telephone, radio, and intercom.

Read, interpret, understand, and find (if necessary) written or electronic information, including information from diagrams, schematics, blueprints, graphs, and charts.

Detect and interpret visual color signals and displays at near and far distances; identify alterations of objects (size, shape, temperature); detect unusual sounds and smells during inspections and tests (leaks in air systems); use depth perception to judge speed and distance of locomotives being moved on service area, and listen to detect warning signals.

Understand and follow company and industry safety rules, practices, and standards.

Ensure safety of self and co-workers.

Education, Skills, Experience & Abilities:

A degree or a certification in Diesel Technology

Mechanical experience with large motor generators or GE and/or EMD large diesel engines.

Experience with Packaged 500 KW and larger "packaged" diesel generator stands.

Experience as a mechanic in other fields (e.g., military, aviation, nuclear, marine).

Applicants must have the ability to read and interpret blueprints and schematic drawings of mechanical, electrical, pneumatic and hydraulic systems, wiring diagrams, flow diagrams, location circuit plans and/or other types of technical drawings.

Applicants must authorized to work in the United States

Physical Requirements:

Occasional: Sitting, Lifting 25 to 50 lbs, Twisting, Bending, Squatting, Kneeling, Crawling, Climbing, Pushing and Pulling.

Frequent: Standing, Lifting 1 to 24 pounds, Manual Dexterity/Strength Use-both Fine and Gross Motor.

Working Conditions:

Occasional: Crawl Space/Cramped Position, Hazardous Chemical Exposure, Driving, Non-Ionized Radiation (Welding Flash, Microwaves, Sun, Etc.), Noise (Loud/Repetitive <85 Decibels), Personal Protective Equipment.

Frequent: Exposure to outdoor weather, Temperatures between 30 and 95+ degrees.

Compensation:

Rate based on Experience and Skills. Payroll is not subject to Railroad Retirement benefits or reporting.