



Journeyman Heavy Duty Mechanic Job Description

Title

Heavy Duty Mechanic Journeyman

Reports To

Public Works Supervisor

Summary

The Heavy Duty Mechanic Journeyman is required to perform skilled tasks in the mechanical repair and maintenance of gas and diesel engines and heavy duty construction equipment. The Heavy Duty Mechanic Journeyman will have the ability to troubleshoot major and minor mechanical problems, as well as have the ability to repair and adjust all necessary mechanical components. Work assignments will be received in the form of oral or written work orders, but the employee is expected to determine the nature and extent of needed repairs. Other duties may be assigned as required.

Core Competencies

- Quality Orientation
- Time Management
- Creative and Innovative Thinking
- Development and Continual Learning
- Problem Solving
- Accountability and Dependability
- Decision making and Judgement
- Operating Equipment
- Providing Consultation
- Ethics and Integrity
- Planning and Organizing
- Mathematical Reasoning
- Communication
- Energy and Stress
- Team Work

Job Duties

- Constructs, installs, and repairs equipment and machinery
- Diagnoses equipment problems and determines repairs needed
- Demonstrates continuous effort to improve operations, decrease turnaround times, and streamline work processes
- Performs daily safety and maintenance checks
- Repairs, overhauls, maintains, and services diesel powered vehicles, heavy trucks, heavy construction equipment, graders, dump trucks, and excavators
- Repairs, overhauls, maintains and services fuel injection systems, exhaust systems, cooling systems, air conditioning systems, lubrication systems, engine control systems, major internal engine repairs or overhaul, installation and alignment of engines and machinery
- Repairs, overhauls, maintains and services drive trains and final drives,



hydraulic transmissions, power take-offs, tracked vehicle suspensions and steering, vehicle brake systems, wheel-mounted vehicle suspension and steering

- Practices workplace safety
- Check all heavy equipment for proper performance and inspect equipment to detect faults and malfunctions.
- Repair and adjust hydraulic pumps, safety valves, and any other necessary mechanical components.
- Diagnose defects in heavy duty equipment.
- Diagnose any faults or malfunctions using computerized and other testing equipment to determine extent of repair that is required.
- Inspect, repair and adjust gasoline and diesel powered units.
- Perform incidental welding operations on equipment.
- Adhere to workplace safety policies, regulations and compliances.
- Communicate any unsafe conditions or accidents/injuries in a timely manner to the supervisor in order to facilitate prompt correction or reporting.
- Demonstrate continuous effort to improve operations, decrease turnaround times, streamline work processes, and work cooperatively and jointly to provide quality seamless customer service.
- Perform mechanical repairs on equipment in the shop and road calls when required.
- Operate automotive servicing equipment, e.g. A/C recycler, etc.
- Installation of new and added-on equipment.
- Electrical and hydraulic troubleshooting and diagnostics.
- Accurate completion of work orders and time sheets.
- Repair cooling, and lubrication systems.
- Install and align engines on machinery.
- Repair mechanical transmissions, drive-trains and final drives.
- Repair cable-operated working attachments, winches, compressors, pumps, electric generators, etc.
- Test repaired equipment for proper performance.
- Clean, lubricate and perform other maintenance work.
- Instruct apprentices.
- Keep detailed and accurate maintenance reports and documentation.
- Maintain a working knowledge of changes in technology and repair techniques.
- Other mechanical repair work as required.
- Supervision of Apprentice positions

Requirements

- Must hold a Journeyman's certificate, or have Red Seal.
- Completion of college / vocational or technical training.
- Appropriate credentials and certifications.
- A minimum of 10 years' experience as a Heavy Duty Mechanic or Shop Foreman
- Possess a valid driver's license.
- Proven mechanical abilities in hydraulics and electrical, including schematics and diagnostics.
- Experience with routine maintenance operations.
- Highly flexible, with solid interpersonal skills that allow one to work effectively in a diverse working environment.
- The ability to complete Commercial Vehicle Inspections within a licensed facility
- Able to effectively communicate both verbally and in writing.



- Able to work well under pressure.
- Strong attention to detail.
- Able to deal with people sensitively, tactfully, diplomatically, and professionally at all times.
- Knowledge of inventory control and inventory systems for parts management

Work Conditions

- 24/7 availability may be required.
- Physical ability to lift up to 50lb.
- Travel to off-site locations may be required.
- Safety equipment will be required, e.g. steel-toed safety boots, hardhats, safety glasses/goggles, etc.
- Overtime as required.
- Hazards associated with the trade.
- Work both indoors and outdoors.
- May be exposed to construction sites.

Position Salary

- Full Time Salaried – Current Salary Range is \$62,000.00 - \$88,000.00 (depending on qualifications and experience)
- Attractive Benefits program and Pension