

Forklift Mechanic Job Description

Duties and Responsibilities:

- Conduct routine inspection of forklifts to note possible problems
- Diagnose issues in both mechanical and electrical systems, applying the use of diagnostic tools
- Repair or replace faulty components such as engines, brakes, hydraulics, and electrical
- Carry out regular and preventive maintenance work, such as oil changes, replacement of filters, and tire checking
- Conduct tests on forklifts once repairs have taken place to verify that they meet both performance and safety standards
- Do the proper recording of all work done for maintenance and repair
- Replace parts by ordering them and keeping an inventory of those most essential components
- When the issues are more complex, work with other mechanics and maintenance personnel to resolve them
- Train operators of forklifts on the operation and simple maintenance
- Ensure that systems are optimized through the calibration of forklifts
- Check and test all the safety systems-for example, alarms and seat belts-to confirm that regulatory demands are met
- Troubleshoot and repair hydraulic systems, pumps, cylinders, and hoses
- Replace worn-out tires and wheels
- Align and adjust the steering system for safe operation
- Charge, clean, and replace batteries
- Replace a forklift frame and body in case of any damage
- Attachment installation and setup: forks, clamps, and booms
- Fix the exhaust system to ensure the forklifts meet the emission standards
- Weld and fabricate as needed to complete jobs in repair of units
- Fleet management: Schedule maintenance, note equipment usage
- Perform emergency repairs when any equipment breaks down
- Follow OSHA regulations and other standards that guarantee safety

- Source high-quality replacement parts with suppliers and vendors
- Perform electrical system repairs like wiring, lighting, and ignition systems
- Engage in continuing education in updated forklift technologies and methods of repair.

Forklift Mechanic Requirements – Skills, Knowledge, and Abilities

- Technical skills: Diagnose and repair mechanical and electrical systems
- Mechanical knowledge: Familiarity with the operation of the engine, hydraulics, and other systems in the forklift
- Problem-solving skills: Quickly and efficiently troubleshoot issues and solve them
- Attention to detail: Ensure all repairs and maintenance work are carried out accurately
- Physical stamina: The job is physically demanding. The lifting of heavy parts is required. It also required working in tight spaces
- Communication skills: Clearly describe problems and solutions to supervisors and operators
- Time management: Establish priorities and manage time efficiently, even when the schedule is packed
- Safety awareness: Knowledge of safety regulations; able to work safely at all times
- Adaptability: Mechanics must be able to handle different types of forklifts; besides, it is mandatory to learn new techniques that allow for repairing the same in the shortest time possible
- Teamwork: Ability to work in a team with other mechanics, operators, and supervisors.