



# Example of Electromechanical Technician Job Description

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Our company is growing rapidly and is hiring for an electromechanical technician. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for electromechanical technician

- Set up and troubleshoot VFDs
- Troubleshoot mechanical systems and identify and repair mechanical malfunctions
- Monitor installed equipment to identify potential failures
- Troubleshoot and repair all mechanical functions, mechanical drive units, industrial hydraulic and pneumatic powers, plumbing architectures, PLC's and ladder diagrams, AC and DC circuits, electrical sensors and switches, motor controls and servo controllers, safety circuits which include E-stops, light curtains, floor mats, safety relays and safety switches
- Knowledge and use of hand tools and machine shop equipment, the proper use of all test equipment used to perform all Multi-trade repairs of production equipment dust collection and material handling equipment (pallet lifts and fork trucks)
- Evaluate equipment for any repairs, enhancements, or upgrades and complete work as needed
- Complete preventative maintenance tasks as scheduled, and document finished work
- Contact vendors, order parts, and keep inventory of replacement parts on hand for all equipment
- Machine implementation including, rigging, leveling, facilities (air, hydraulics, dust collection and safety) along with testing and modifying as needed to

- Fabrication and installation of all needed fixturing, guarding and any machine parts needed

## Qualifications for electromechanical technician

- Ability to give direction and task to other members of a team
- Candidate must possess U.S. citizenship or be a "U.S. Person"
- Ability to measure and quality control check finished parts
- Prior experience with oceanographic research equipment a definite plus
- Experience maintaining industrial production equipment and performing predictive and preventive maintenance is desirable
- Able to work overtime and work any shift