

Job Title: Motor Repair Technician

Job Objective: The Motor Repair Technician performs repair of all types of motors, electrical troubleshooting, preventative maintenance, and field installation of equipment. In addition, the Motor Repair Technician is expected to have a strong work ethic and the desire to work in a team environment.

Major Tasks and Responsibilities:

1. Equipment Repair
 - 1.1. Tear down
 - 1.1.1. Utilize manufacturer's recommendations and industry best practices
 - 1.1.2. Utilize the necessary tools and use them safely
 - 1.2. Inspection
 - 1.2.1. Inspect the equipment and parts for damage
 - 1.2.2. Diagnose for possible reason(s) for failure
 - 1.2.3. Provide information on parts and work required
 - 1.2.4. Provide recommendations to improve the reliability of the equipment
 - 1.2.5. Complete information in reports as required
 - 1.3. Assembly preparation
 - 1.3.1. Cleaning of parts
 - 1.3.2. Staging and checking parts for accuracy
 - 1.4. Assembly
 - 1.4.1. Utilizing manufacturer's recommendations and industry best practices
 - 1.4.2. Utilize the necessary tools and use them safely
 - 1.4.3. Complete in a timely manner to meet the customer's needs
 - 1.4.4. Test completed repair as necessary
 - 1.5. Shipment preparation
 - 1.5.1. Prepare for shipment
 - 1.5.2. Load, secure to truck, and deliver, as necessary
2. Troubleshooting
 - 2.1. Mechanical equipment difficulties in the field
 - 2.2. System difficulties in the field
 - 2.3. Electrical control difficulties in the field
 - 2.4. Complete diagnostics
 - 2.5. Make recommendations for repair
 - 2.6. Make appropriate changes
3. Preventative Maintenance
 - 3.1. Provide preventative maintenance as required for equipment type and for extended equipment life
 - 3.2. Complete required reports for the work completed and inspected

4. Field Installation
 - 4.1. Removal and/or installation of new or repaired equipment
 - 4.2. Provide feedback to assist in accurate costing and work scope development for installation work
 - 4.3. Utilize manufacturer's recommendations and industry best practices
 - 4.4. Utilize the necessary tools and use them safely
5. Other
 - 5.1. Clean and organize shop, as required
 - 5.2. Complete other tasks and work, as requested and within personal means

Skills, Knowledge and Education Required:

1. Must have mechanical aptitude and skills. Experience in maintenance and mechanical equipment repair is required.
2. Must be capable of using and reading precision measuring devices, such as micrometers and calipers.
3. Must be able to lift up to 75 pounds frequently.
4. Must be capable of wearing personal protection equipment, including a respirator.
5. Must be capable of working outdoors, and possibly in inclement weather.
6. Must be able to work overtime hours - after 5:00 p.m., weekends, holidays.
7. Must have a valid driver's license and have a good driving record.
8. Must be able to show competency at filling in paperwork and communicating effectively.
9. Must show competency at understanding exploded diagrams or cross-sectional drawings.
10. Must be able to show good communication skills with others by telephone, written documents or in person.