

**Electric Motor Shop
Motor Repairman
Job Description**

Department:

EMS Motor Repair Shop

FLSA Status: Non-Exempt

Travel Required: Yes

Job Status: Full Time

Reports To: Department Manager

Positions Supervised: None

General Summary: Repair various kinds of electric motors.

Essential Job Functions:

1. Test electric motors to troubleshoot known or suspected problems using various methods.
2. Disassemble electric motors noting parts identification, configuration and condition.
3. Clean electric motor assemblies as needed using various methods and steps, including but not limited to: parts washers, steamers, caustic tanks, glass bead, etc.
4. Measure for or note proper replacement parts for electric motors.
5. Replace or repair worn or defective mechanical or electric motor assemblies, including but not limited to: bearings, brushes, brush holders, motor leads, gears, seals, impellers, mechanical switches, brakes, clutches, clutch rotor, tach, fans, end shields, etc.
6. Retest reassembled electric motor for proper output and operation.
7. Perform vibration analysis, laser alignments, and dynamic balancing on electric motors.
8. Complete required paperwork for each job accurately and on a timely basis.
9. Operate specialized repair and testing equipment and other equipment as needed.
10. Observe all safety procedures and use proper protective gear (especially eye and ear protection).
11. Keep work area neat and clean.
12. Perform other skilled and non-skilled duties as directed by manager/supervisor.

Knowledge, Skills, and Abilities:

- Journeyman level of skill – minimum 4 years experience in electric motor repair
- This is NOT an automotive position – we are a motor repair shop.
- Preferred minimum level of education: high school diploma, plus the successful completion of a hands-on apprenticeship.
- Basic mechanical aptitude.
- Ability to work under minimal or no supervision.
- Good time management.
- Ability to understand, perform and retain various skill-related training and operational and safety procedures demonstrated by management.
- Clean driving record and willing to participate in drug/alcohol/background screening.
- Assist other mechanics or other service personnel in skilled or non-skilled duties as directed by supervisor or Department Supervisor

Physical Abilities

- Frequently lift and/or move up to 50 pounds; talk and hear.
- Regularly lift and/or move up to 25 pounds; stand; walk; use hands to finger, handle, or feel and reach with hands and arms.

Benefits: According to IBEW Local 100 Contract

Disclaimer: This Job Description illustrates the general nature and level of work performed by employees within this job classification. It is not intended to contain or to be interpreted as a comprehensive inventory of all duties, responsibilities, and skills required of personnel so classified.