

Job Posting – Electric Motor Systems Technician (EMST) – 2nd, 3rd, 4th year & Journeyman

Electric Motor Systems Technicians test, rebuild and repair electric motors, generators, transformers, and pumps. They maintain the electric motors and related equipment used to power machinery and equipment in various applications.

Job Description:

- Diagnose problems and dismantle electric motors, transformers, generators and pumps for servicing, modification or repair.
- Remove and replace shafts, bearings, commutators and other components, referring to blueprints or service manuals as required.
- Wind and assemble various types of coils for electric motors or transformers and reinstall them.
- Balance armatures or rotors, weld and braze or solder electrical connections, and align and adjust parts to close tolerances to reassemble items.
- Dismantle and/or strip damaged or unserviceable electro-mechanical equipment.
- Document all relevant data specific to unit's electro-magnetic characteristics, operating conditions, existing damage or intended serviceability.
- Complete required paperwork for each job accurately and on a timely basis.
- Operate specialized repair and testing equipment including but not limited to: winding machines, test panels surge testers, core-loss testers, cut-off saws, burnout ovens, bake ovens, grinders, cranes, forklift trucks, brazing units, dip tanks, VPI systems and various handheld power and non-power tools.
- Ensure all work performed adheres to all relevant organizational, provincial and federal safety regulations, codes and specifications – knowledge of safe operating procedures.
- Other duties as required.

Requirements & Skills:

- 2nd Year Apprentice or higher.
- Must have a valid driver's license and own transportation.
- Good mechanical aptitude.
- Ability to work independently in a busy environment.

- Physical ability to lift up to 50 lb.
- Highly flexible, with solid interpersonal skills that allow one to work effectively in a diverse working environment.
- Able to effectively communicate both verbally and in writing.
- Able to work well under pressure.
- Accountability and strong attention to detail.
- Self-starter, with developed analytical and problem solving skills.
- Computer literate.

Work Conditions:

- Safety equipment will be required, e.g. steel-toed safety boots, safety glasses/goggles, etc.
- Overtime as required.
- Hazards associated with the trade.
- Manual dexterity and the ability to remain standing, crouching or bending for long periods of time.

Continental Electrical Motor Services Ltd. offers competitive salary packages, benefits, an incredible work environment, and career advancement opportunities. Qualified applicants should contact Continental Electrical Motor Services.