

Motor Rewind Technician

Position Summary

The Motor Rewind Technician works under the supervision of the Shop Manager. The position rewinds various kinds of electro-mechanical equipment. They inspect, test, document and communicate all findings during the rewind process.

Essential Duties and Responsibilities

- Inspect various kinds of electro-mechanical equipment for damage and evidence of electrical malfunctions.
- Test condition of winding according to EASA standards.
- Illustrate and/or document all relevant data specific to the unit's electro-magnetic characteristics, operating conditions, existing damage, or intended serviceability.
- Dismantle and/or strip damaged or unserviceable electro-mechanical equipment.
- Prepare all reusable parts for rewind and inspect renewed parts for hidden, structural damage or unusual conditions.
- Rewind various kinds of electro-mechanical equipment, including but not limited to: single-phase, three-phase, dc field, armatures, wound rotors and transformer.
- Observe proper insulating techniques and/or requirements during rewinding.
- Test rewound electro-mechanical equipment according to EASA standards and document test results.
- 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.
- Observe all safety procedures and use proper protective gear.
- Keep work area neat and clean.
- Perform other skilled or non-skilled duties as directed by your supervisor.

Education and Experience:

- Preferred level of Education: High School Diploma
- Basic mechanical aptitude.
- Ability to understand, perform and retain various skills related training and operational safety procedures demonstrated by supervisor.
- Detail orientated with strong analytical skills
- Must complete a five-year, hands on apprenticeship.

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