

## JOB POSTING – MIDWEST SERVICE CENTER – MECHANICAL ENGINEER

We currently have an immediate opening for a Mechanical Engineer at our facility in Hobart, IN. The candidate will oversee in-shop repair services of full range of power generation apparatus including large motors and generators

### JOB DESCRIPTION / DUTIES:

- Oversee disassembly, inspection, installations, operation, maintenance, and repair of equipment.
- Oversee projects, including planning, executing, monitoring, controlling the project duration and cost by using scheduling and cost control software.
- Review data collected during inspections and investigate the root causes of mechanical problems, troubleshoot reported issues and determine possible solutions.
- Prepare technical reports including inspection, in process, vibration and final repair reports for customers, vendors and internal processes.
- Use drafting tools or computer assisted design (CAD)/drafting equipment and software to prepare drawings for the manufacture of new parts.
- Specify requirements for purchases of parts or services and ensure they adhere to specified requirements following ISO Standards.
- Use knowledge of machines (e.g., motors and generators) as well repair processes to determine repair options.
- Plan projects and schedule outages using following software: Epicor, Microsoft Project.

### REQUIREMENTS

- Bachelor's degree in Mechanical Engineering.
- Proven work experience in Mechanical Engineering.
- Proficient in 2D/3D engineering design and manufacturing tools (Preferably SolidWorks).
- Familiar with planning & scheduling software: Microsoft Project, Primavera & Epicor
- Mathematical computing and analysis tools knowledge (Matlab, Excel, LabView, etc)
- Solid understanding of core concepts including mechanics, kinematics, thermodynamics, materials science etc.
- Ability to communicate technical knowledge in a clear and understandable manner
- Creativity and analytical skills - Ability to communicate technical knowledge in a clear and understandable manner.
- Technical writing skills.

### DESIRED QUALIFICATIONS:

- Work experience with repair of manufacturing electrical motors
- Work experience with OEMs such as GE, Siemens, Westinghouse, WEG, Allis Chalmers, and/or similar producers of large and small industrial electric motors.
- Experience collecting, interpreting, and analyzing vibration data during test run
- Proficient in the use of various MS Office programs, including Word, Excel, PowerPoint, and Outlook.
- While performing the duties of this position, the employee is frequently required to sit, stand, walk, communicate, reach, and manipulate objects