

Electrical Motor Tester:

We are a premier ISO9001:2015 CERTIFIED industrial repair and manufacturing facility. Our nation-wide customer base includes power generation, industrial manufacturing including heavy steel manufacturing, municipal and processing facilities. We offer competitive wages and benefits (Full benefit package Medical, Dental, 401K, paid vacation, and a great working environment). This is full-time position with rotational shift work. Overtime is available. We are currently seeking to fill the following position: **Electrical Motor Tester**

- Receive and interpret oral/written instructions from supervisor(s) and/or assigned personnel.
- Test electromechanical equipment to troubleshoot known or suspected problems using various methods (AC or DC).
- Testing motors ranging from 100 HP to 20,000 HP and fill out proper data sheets.
 - Insulation Resistance testing (Megger)
 - Rotor Pole Balance
 - Drop Tests
 - Commutator Bar-to Bar
 - Winding Resistance Test
 - Hi-pot testing
 - Surge Testing
 - Core Loss Testing
- Engage in disassembly and assembly electromechanical equipment noting parts identification, configuration, and condition.
- Measure and inspect the parts per provided instructions and fill out proper data sheets.
- Test run reassembled electromechanical equipment for proper output and operation.
- Maintain a neat and orderly work area.
- Abide by all safety/environmental regulations and use proper protective gear.
- May be assigned to field to support service work as required.
- Perform other skilled or non-skilled duties as directed by supervisor

Qualifications:

- Must understand motor, generator, and exciter operations and testing, and have basic motor/generator troubleshooting experience.
- Minimum of a High School Diploma or GED
- 3+ years of relevant electrical experience.
- Computer skills including Microsoft Word, and Excel.
- Ability to work on both day and night shifts.
- Good written and oral communication skills
- Ability to multi-task
- Organized and detail oriented
- Valid driver's license required

Physical Requirements:

- Able to stand, walk, reach with hands/arms, stoop, kneel, crouch for most of the day
- Frequently lift and/or move up to 50 pounds and regularly lift and/or move up to 25 pounds,
- Have ability for close vision, distance vision, peripheral vision, depth perception and ability to adjust focus.

Desirable:

- Familiar with IEEE and NEMA standards.
- Familiar working with vibration analysis equipment, collecting data and diagnostic software.
- Familiar with using of laser alignment equipment and alignment techniques.
- Familiar with single plane and two plane balancing techniques
- Ability to perform welding, soldering & brazing.