

## Job Description

### Test Field Engineer

#### Mission Statement

To be a prominent provider of high-quality, precision-engineered transformers. To accomplish our mission by being focused on craftsmanship and design, committed to satisfying all of our customers' requirements and dedicated to providing our employees with meaningful long-term employment thus providing our stockholders with revenue growth and a maximum rate of return

#### Safety First – Quality Always

As is expected of all SGB-USA Employees, the incumbent understands the importance of Safety and Quality in the workplace. When appropriate the individual identifies and communicates the need for improvements in practices which will ensure the very highest level of Safety and Quality at SGB-USA

#### Job Goal

**Responsible for testing of dry type transformers based on engineering documents, customers specifications and IEEE/ANSI/IEC standards.**

#### Tasks:

- Represent the test department in a professional manner
- Responsible for in-process testing and final electrical testing including all routine, type and special tests.
- Generate NCR for issues identified and participate in NCR closure with the respective department
- Daily planning according to dispatch priorities in consultation with sales and operations
- Prepare detailed test plans for scheduled transformers based on input from the customer specification, test specification, nameplate, control drawings, standards, equipment instruction manuals and work instructions
- Interface with engineering as necessary for clarifications or to obtain additional information
- Utilize PC and necessary hand calculations to prepare files and forms for transformer test and draft certified test reports in presence of the customer
- Ensure equipment is calibrated and schedule upcoming calibrations. Monitor condition of test equipment and test fixtures
- Actively participate in failed transformer troubleshooting and provide inputs to concerned personnel for failure RCA report
- Write work instructions related to Teach equipment setup, connections, principles of operation, maintenance and diagnostics.
- CAPEX planning for test field
- Responsible for Risk Assessment and Hazard identification in Test Field
- Ensure all electrical safety PPEs are available in the department

#### Qualifications:

- Bachelor's Degree in technical field (Electrical, Industrial or Manufacturing) is a must
- 1-2 years of hands-on experience in transformer testing is preferred
- Basic knowledge on routine, type and special tests of transformers is needed
- knowledge of ANSI/IEEE/IEC standards
- Experience with testing for UL certification is desirable
- Ideal candidate would have worked in a distribution transformer or electrical manufacturing facility in U.S. for at least 2 years
- Some international and domestic travel is mandatory
- Superior interpersonal and communication skills are essential for dealing with all levels of internal and external suppliers and customers

**Reports to:** Quality Manager

Note: This job description is not all inclusive. Employee may perform other related duties as requested to meet the ongoing needs of the organization