**Job description Electrical Engineer 1**

This position will be to assemble electrical panels and support the production of magnetic coils.

The Electrical Engineer is accountable for adhering to all safety and quality requirements while performing assigned tasks.

**Primary responsibilities:**

* Support all aspects of compliance with applicable Quality Assurance requirements ensuring system methods and documentation are implemented in accordance with customer, national and international standards.
* Assemble Electrical Control Panels.
* Winding magnetic coils
* Performing testing.
* Perform other duties as assigned and/or required.
* Fab in the lab - anything that needs to be built, help out, following information in slides, per ISO process for the
* Track time in t-sheets.

**Required education and experience:**

Bachelor’s Degree or at least One (1) year related experience required skill and knowledge for successful performance.

**Knowledge, skills and abilities:**

* Must be able to read electric schematics.
* Ability to work with minimal supervision, to begin projects independently (or as assigned), and to bring projects (or assignments) to satisfactory conclusion on a timely basis.
* Ability to perform additional duties/assignment is needed to meet departmental and/or organizational goals.

**Competencies:**

* Discuss changes in design, method of manufacture and assembly, and drafting techniques and procedures with staff and coordinate corrections
* Review project instructions to ascertain test specifications, procedures, and objectives, and test nature of technical problems such as redesign
* Read dials and meters to determine amperage, voltage, electrical output and input at specific operating temperature to analyze parts performance
* Review project instructions and specifications to identify, modify and plan requirements fabrication, assembly and testing
* Operate drill press, mill, grinders, engine lathe, or other machines to modify parts tested or to fabricate experimental parts for testing
* Evaluate tool drawing designs by measuring drawing dimensions and comparing with original specifications for form and function using engineering skills
* Lifelong learner, learn quickly