



**JOB TITLE:** Project Engineer

**EMPLOYER:** Tempest Inc.

**DEPARTMENT:** Engineering

**REPORTS TO:** Director of Engineering

**EFFECTIVE DATE:** TBD

**SUMMARY:** Technically responsible for projects to which assigned. Supports the Director of Engineering with departmental duties, goals, and growth initiatives.

**DUTIES AND RESPONSIBILITIES:**

- Assumes responsibility for the technical and financial success of assigned projects
- Reviews customer specifications against sales quotations to ensure mutual agreement of scope of supply
- Performs CAD (2D and 3D) to support project due dates
- Generates project PID schematics, bills of materials, and performs electrical schematic and panel design
- Uses the company MRP systems for materials procurement
- Addressed material and product non-conformances as necessary
- Assists in the generation of PLC functional requirement specifications and design of HMI screens to meet project specifications
- Reviews project submittal and manufacturing drawings prior to release
- Generates, reviews and audits technical documentation for each project
- Generates project inspection test plans and quality document needs outlining quality control requirements
- Writes project test procedures, component parameter sheets, and generates technical documents required for the operation of equipment
- Performs product functional testing and performance validation
- Assists in the compilation of project document turn over packages
- Performs any other tasks as assigned by the Director of Engineering

**SUPERVISORY RESPONSIBILITIES:**

- This job has no supervisory responsibilities.

**QUALIFICATIONS:**

- Bachelor's Degree (BA) from four-year college or university, or one to two years of related experience and/or training, or equivalent combination of education and experience.
- Computer skills required: (AutoDesk AutoCAD and/or Inventor; Microsoft Office)
- Computer skills preferred: (MRP Systems Quickbooks and/or Shoptech E2)

- Other skills required: basic knowledge of heat transfer and fluid flow, electrical troubleshooting, digital and analog instrument protocol, safe work practice in industrial environments

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*The above is intended to describe the general content of and requirements for the performance of this job. It is not to be construed as an exhaustive statement of duties, responsibilities or physical requirements. Nothing in this job description restricts management's right to assign or reassign duties and responsibilities to this job at any time. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*