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DEPARTMENT: **Manufacturing**
REPORTS TO: **Manufacturing Manager**

1.0 POSITION SUMMARY:

Habco Industries is a key provider of products and services that serve the Aerospace Industry. With 4 separate business units, Habco has customers that span both fixed and rotary winged aircraft as well as commercial and military applications. Habco’s customers range from the largest aerospace OEMs in the world to end users of the aircraft as well as maintainers and overhaul and repair operations. Habco is a Lean focused, rapidly growing company that started in 1970 and has doubled in size in the last four years. It is a fast paced environment with a “work hard, play hard” mentality.

2.0 PRIMARY RESPONSIBILITIES / DUTIES:


- The Electrical Assembler will work under the direction & guidance of the project electrical engineer to provide support for the design of electro-mechanical control systems including schematic development & panel layout using AutoCAD
- Provide assistance in the selection of control devices and development of the associated Bill of Material
- Support the design, documentation, assembly, integration and testing of industrial controls/systems
- Learn to develop & debug control & data acquisition programs and systems
- Assist in the calibration of control system transducers.
- Complete required electrical assembly work from wiring schematics, blue prints, hand sketches, and verbal instructions.
- Responsible for routine maintenance of equipment in area as well as other assigned duties.

3.0 MINIMUM QUALIFICATIONS:

(All qualified candidates MUST meet All of these Minimum Qualifications with No exceptions.)

- Some college study in an electrical or electro-mechanical engineering program or H.S. diploma (GED) with 3+ years of work experience in the electrical assembly field
- Basic knowledge of PC’s is required
- An understanding of AC & DC electrical theory
- A basic knowledge of digital and analog circuit design
- An understanding of the following: PLC, C, & LabView programming basics, AutoCAD, basics of data acquisition systems.
- Knowledge of the NEC electrical codes
- Able to use hand tools drills, taps, electrical hand tools
- Able to bend rigid conduit
- Experience in control wiring and motor wiring.
- Ability to do panel layout

Habco is an equal employment opportunity and affirmative action employer.
All candidates must be a U.S. Citizen or currently have a Green Card to be eligible to work in our ITAR environment.

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- Able to pick out and order fitting and wiring related items
- Able to work with minimum supervision.

4.0 PREFERRED QUALIFICATIONS:

- At least 2 years college study in an electrical or electro-mechanical engineering program or work experience in the electrical field
- MS Word and Excel knowledge
- Some exposure to PLC, C/C++, Visual Basic or LabView programming.
- A basic understanding of AC & DC motors and be able to design simple relay ladder logic.

5.0 COMPETENCIES:

- Have good housekeeping practices
- Good communication skills
- Team player

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