



Job Title: Design Engineer
Location: San Antonio, TX
Status: Active, Full-Time Position

Since its founding in 1983, Five Star Electric (FSE) has grown from a small motor distributor to become a dominant leader in the application of low and medium voltage systems involving variable speed drives, reduced voltage solid state starters, switchgear, power transformers, DCS / PLC systems, motor control panels and integrated power control rooms. FSE has earned a strong reputation in the industry for providing well engineered, reliable and cost effective control systems and service.

DESCRIPTION:

Mission: To utilize both electrical and mechanical skills to interpret theoretical schematics and/or process control narratives and to create a highly effective control system/panel.

Goal: To design control systems/panels that are superior to competition and to provide effective solutions by:

1. Understanding the customer's needs
2. Working with vendors and equipment suppliers to provide the best available components at the best available price
3. Taking pride in every task within a project

RESPONSIBILITIES:

- ★ To design control circuitry
- ★ To design mechanical layouts
- ★ To size power components, wire, and over current protection
- ★ To create bill of materials
- ★ To research and investigate control options and new technologies
- ★ To provide technical support
- ★ To assist sales with pricing information
- ★ To assist/train wiring technicians when required
- ★ To assist with final testing when required

JOB REQUIREMENTS:

Required Qualifications:

- ★ High School Diploma
- ★ Minimum of 3 years experience in electrical control design
- ★ Minimum of 3 years experience with AutoCAD, AutoCAD Electrical or AutoCAD LT design software
- ★ Experience with UL508A
- ★ Must have advanced computer skills
- ★ Must be proficient with Microsoft Word, Excel, Outlook and Windows in general
- ★ Must work well with others on any level and show respect at all times

Preferred Qualifications:

- ★ Associates or Bachelors Degree
- ★ Electrical controls field service background
- ★ VFD knowledge and programming experience
- ★ PLC knowledge and programming experience
- ★ SCADA Knowledge and programming experience
- ★ Wireless telemetry knowledge and programming experience
- ★ Control Manufactures training credentials

COMPENSATION:

Competitive pay, paid medical & dental benefits, FSA, long term disability, short term disability, matching 401K

Please visit <http://www.vfd.com/onlineapplication> to complete our Five Star Electric application