Electrical Drafter
JOB DESCRIPTION:

- 3-5 year's industrial design experience in instrumentation and electrical systems AutoCAD drafting skills a plus but not required
- Proficient in Microsoft Office
- Working knowledge of the NFPA (NEC), API, and UL508A
- Working knowledge of electrical design (conduit and cable sizing, voltage drop calculations, hazardous location apparatus selection, cable tray sizing and specification, motor control schematic and wiring, control panel layouts and wiring, field interconnect wiring, etc.)
- Familiarity with pneumatic, electronic and analytical instrumentation used to measure and control flow, temperature, pressure, and level
- Proficiency in reading technical documentation including Piping & Instrument Diagrams, loop drawings, wiring schematics, and specifications
- Knowledge of Relay Logic and PLC & HMI programming would be considered a plus
- A minimum of a high school diploma, with 2 year college degree or greater from an accredited university or qualified work experience
- A substitution of military leadership and/or technical work experience may be considered in lieu of a technical degree
- Responsible for performing all aspects of drafting for electrical , instrumentation and structural assignments under direct supervision of an electrical engineer or a designer using theoretical and practical design method

Other Requirements:

- Adhere to company engineering design and CAD drafting standards
- Knowledge of Microsoft Word, Excel and Outlook
- Proficient in the use of 2D AutoCAD 2012
- Create detailed structural fabrication drawings with minimum supervision

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