

The Company

Theka Associates Inc. has been providing engineering services to the power, industrial and communication industries for more than 30 years. Theka is a wholly-owned subsidiary of Newkirk Electric Associates, one of the top 75 electrical contractors in the U.S. As a strategic partner of Newkirk Electric, Theka Engineering provides design-build solutions for its clients.

Theka offers engineering support and management for the construction of utility, municipal, and private power plants; substations; telecommunication systems; industrial, commercial and institutional facilities; distribution and transmission lines; and provides systems acceptance testing. Theka provides expertise and direction for the engineering of distributed and process control systems, including programmable controllers, computer numerical controllers, PC based systems, embedded controllers, protective device communications, substation data acquisition, and instrumentation projects.

The Position

The **Instrument and Control Systems Engineer** will use formal education and work experience to provide design, processes, and systems in compliance with client objectives. We prefer a BSEE an ABET accredited University, with a minimum of 3 years experience. An aggregate of equivalent experience and education may be considered in lieu of degree.

- Bachelors Degree in Electrical Engineering
- 3+ years engineering experience
- Experience with implementation of control systems for automated industrial machinery
- Fluency in computer programming, preferably in embedded control systems
- Extensive experience with instrumentation, computer controls, and PLCs
- Familiarity with electro-mechanical devices such as motors, valves, limit switches, proportioning controls, etc.
- Ability to create electrical schematics and flow diagrams
- Familiarity with industrial control system standards and codes
- Good communication skills with customers, fellow employees, and management
- Ability to work both within a design team and independently

Preference will be given to individuals with the following skills:

- BSEE in Electrical Engineering
- Familiarity with PLCs and PLC programming
- System design, project management, and/or leading a design team
- Producing technical documentation
- Service and field installation
- Electric utility and/or power generation related data acquisition, and controls
- Fluency in Labview and/or Cimplicity

The Salary

- Commensurate with Experience (\$60K – 75K/year working range)

Investments we make in our people:

- Group health, life, and short term disability insurance benefits
- Vacation plus (6) paid holidays, (5) sick/personal days
- Self Directed 401(k) with company contribution
- Medical flexible spending plan (pretax deductions)

Additional Corporate Background

- www.theka-engineering.com and www.newkirk-electric.com