

Our highly respected and well established engineering firm wants to hire junior level (2 to 4 years) electrical engineers with background in the design of electrical power systems and experience with AutoCAD. The employee will work in a professional environment that offers opportunities to enhance their professional skills, technical knowledge and design capabilities on projects ranging from the ordinary to the extraordinary.

Examples of projects that our company performed during the last few years include:

- Numerous Power System Studies for pharmaceutical facilities, industrial facilities and theme park venues including load flow, voltage drop, short circuit, device evaluation, arc flash, harmonics, motor starting and reliability. These studies use both manual methods and computer software.
- Engineering, design and system for new MV and LV emergency and standby power generation and distribution system as large as 6 MW for Hospitals, Pharmaceutical Facilities, Theme Parks and Commercial Clients.
- Engineering, design and system integration for power conversion systems using LV and MV Motors and VFDs for systems such as Wind Tunnels and Tram Systems for the Aeronautical Industry, Universities and the St. Louis Arch
- Engineering and design for new low voltage (LV) and Medium Voltage (MV) power distribution systems for large industrial and manufacturing facilities and institutional facilities including large student housing complexes, dining halls and food courts
- Engineering, design and system integration, including PLC programming and MMI screen development for new “safety” control systems used within industrial process and people moving systems.
- Engineering, design and project management for numerous other projects which use the latest technologies in LED lighting, fire alarms and detection and automation and control systems/

The engineer will work under the direction of experienced professional engineers in our Center City Philadelphia, PA office. The job provides an opportunity to learn through on the job training, continuing education and field surveys at our clients’ facilities.

Our client base includes the aerospace, cement, pharmaceutical, petrochemical, healthcare, manufacturing, commercial, theme parks and other industries. The projects are very diverse, challenging and interesting and include the engineering and design of power, control and instrumentation systems; systems integration, PLC programming and on-site qualification, commissioning and start-up services.

Engineers must have a four year degree in electrical engineering from an accredited university, must have excellent verbal and written communication skills in English, must currently live in the Philadelphia Area and must be willing and able to travel for surveys

and commissioning services on projects, some of which may be outside of the Philadelphia area.

Salary will be competitive and based on experience,