



## EXEMPT POSITION AVAILABLE

**Position Title:** Staff Engineer, Electrical

**Location:** Westchester, IL

**Basic Purpose:**

Provide a broad range of electrical engineering expertise and technical support to all the divisions in support of their production, quality and business goals. This includes electrical power generation and distribution systems, electrical equipment optimization and troubleshooting, review of potential projects, and support during major project implementation.

**Key Result Areas:**

1. Provide electrical engineering and technical expertise to ensure the safe and reliable operation of electric power systems in processing facilities worldwide. This includes; electrical power systems and equipment optimization and troubleshooting; equipment design, specification and selection; due diligence studies; consulting on safety, regulatory, risk management, maintenance, testing and utilities.
2. Originate plans and develop strategies for power systems worldwide to ensure electrical reliability and safety in the most cost effective manner.
3. Provides electrical engineering and project management expertise in support of projects, to ensure stated quality, operational, safety, schedule and budget objectives are met.
4. Provides consulting and troubleshooting expertise to solve complex technical electrical problems in support of the business needs of the manufacturing facilities. Also support the Regulatory Affairs, Risk Management and Quality Assurance Departments regarding worldwide electrical issues.
5. Perform power systems studies for existing and proposed facilities in order to optimize electrical system reliability and personnel safety. This includes reliability, load demand, load flow, short circuit, protective device coordination, and Arc Flash Hazard studies. Manage direct outside resource to conduct other electrical studies such as transient stability and harmonic analysis.
6. Review and evaluate proposed projects as requested to ensure optimum technology, complete scope, and alignment with business goals.
7. Maintain a high level of awareness of current and emerging technology that will maintain or improve the company's competitiveness. Evaluate those technologies and make recommendations on their application to improve safety, reliability and profitability of operations worldwide.
8. Maintain the company's technical intellectual property to ensure the company's competitiveness through proper record retention, mentoring engineers, and preparation and distribution of best practices and design manuals in the electrical area.

**Selection Criteria**

1. Significant knowledge of electric power generation and distribution systems engineering and design as demonstrated by 15 plus years in this field of technical expertise.
2. Established experience in development and implementation of power and control system strategies for both new and existing electrical systems. Proven ability to perform power system studies including reliability analysis, load flow, short circuit, protective device coordination, and arc flash hazard.
3. Proven experience in troubleshooting electrical system problems involving complicated protective relaying systems, generator controls, and electrical equipment such as circuit breakers, variable frequency drives, and uninterruptible power supplies.
4. Demonstrated ability to analyze and solve complex electrical technical problems as applied to facilities design, equipment failures and maintenance troubleshooting.
5. Excellent communication skills, with the ability to present designs and study results, and to prepare effective and concise written reports.
6. Strong interpersonal skills, including the ability to work effectively with experienced and beginning engineers.
7. Demonstrated degree of sound judgment, resourcefulness, initiative, and innovation in handling complex technical assignments, with minimal supervision.
8. Travel will constitute an average of 20 percent of the time on the job and may consist of several consecutive days to any of the company facilities including international locations.
9. Fluency in English required. A working knowledge of a Latin or Asian language would be a plus.
10. Bachelor degree in Electrical Engineering with a minimum of 15 years experience. A Masters degree in Electrical Engineering would be a plus.

If you are interested in applying for a particular position, please forward your resume and cover letter to [recruiting@cornproducts.com](mailto:recruiting@cornproducts.com). We encourage resumes to be submitted as a .doc, .pdf, or plain text file format. Please be sure to reference the position in which you are interested.

We will also accept applications via mail:

Corn Products International, Inc.; Attn: Human Resources - Recruitment  
5 Westbrook Corporate Center; Westchester, IL 60154