

## Electrical Engineer

Type: Full Time Location: Moon Township, PA

Apply Here: [Careers Center | Electrical Engineer in Moon Township, Pennsylvania | Careers at MIS \(icims.com\)](#)

### Overview

Our growing Manufacturing Infrastructure Services (MIS) team is actively interviewing for current and upcoming projects. Our Electrical Engineer role provides you the opportunity to design the latest state-of-the-art facilities in a wide variety of markets such as industrial, manufacturing, oil & gas, real estate, solid waste, power, and public sector. We are seeking self-motivated individuals with strong communication skills and a passion to apply professional experience and knowledge in a team environment. You should be a detail-oriented professional, understand the importance of meeting personal and team commitments, and be flexible in adapting to a fast-paced environment. We are seeking candidates with a B.S. degree in Electrical Engineering. Candidates having their Professional Engineer registration are preferred but not required.

### Responsibilities

- Possess an understanding of the National Electrical Code (NEC)
- Work under the supervision of a senior engineer to:
  - Develop electrical equipment layout, single line, interconnecting wiring, embedded conduit, cable tray, heat trace, lighting, and grounding drawings
  - Generate electrical equipment and construction specifications
  - Develop power studies including short circuit analysis and incident energy calculations using ETAP or SKM software.
- Provide quality oversight for electrical designs performed by others
- Be the main point of contact for the electrical discipline when meeting with the project manager, other discipline leads, and the customer
- Train and mentor less experienced engineers and designers
- Coordinate details and miscellaneous design criteria with other disciplines
- Generate electrical engineering hour estimates to complete ongoing work and for new proposals

### Qualifications

- Bachelor of Science degree in Electrical Engineering or related discipline is required.
- 5+ years of experience in electrical engineering with relevant experience on industrial or manufacturing type projects.
- Demonstrated understanding and knowledge of industry codes and standards (NFPA/NEC, IEEE, ANSI, NEMA, API and ASI)
- Demonstrated understanding and knowledge of electrical distribution systems at low and medium voltages
- Possesses excellent written and verbal communication skills
- Proficient in using Microsoft Suite including MS Word, Outlook, Excel and PowerPoint
- Ability to perform field/site visits
- Ability to travel (estimated travel time is 10%)

### Preferred Qualifications

- Revit, AutoCAD, Navisworks and Bluebeam experience is a plus
- P.E. Registration or E.I.T. preferred
- Experience in leading a team of engineers and designers