We're seeking an electrical engineer with experience designing power distribution systems within industrial manufacturing facilities (Food & Beverage, Consumer Products, Pharmaceutical, Water/Wastewater, etc).

A variety of roles are available including: Project Engineer, Project Manager, Team Leader, and Group Leader.

Locations include: Green Bay, WI – St. Louis, MO – Minneapolis, MN – Atlanta, GA – Jacksonville, FL – Madison, WI – Boise, ID - Milwaukee, WI – Dallas, TX – Denver, CO – Rockville, MD, and others.

Description
Responsibilities/ Duties:
Applicant shall have knowledge and experience in the design and methods of installation of Medium Voltage (MV) power distribution.
Applicant shall be able to design and write vendor specifications for MV transformers and Secondary Low Voltage Switchgear.
Applicant shall have working knowledge of the National Electric Code - NFPA 70 and the Standard for Electrical Safety in the Workplace - NFPA 70E.
Applicant shall have knowledge and experience with Ungrounded and High-Resistance Neutral Grounded systems, including Fault detection/alarming/locating equipment.
Applicant shall have knowledge and experience with Arc Energy Reduction methods - per NEC, Article 240.87.
Applicant shall be proficient in the use of SKM software.
Applicant shall be able to perform coordination studies for electrical power distribution, to define protective devices and any other elements necessary for an adequate electrical operation of a facility.
Where required for circuit breakers, applicant shall be able to calculate and provide device/relay/trip unit settings.
Applicant shall be able to perform short-circuit analysis (Phase-to-Phase and Phase-to-Ground).
Applicant shall be able to complete voltage drop calculations.
Applicant shall be able to complete an Arc Flash study and model.
Thorough understanding and experience in completing California Title 24 application preferred.

Education/Experience: Bachelor’s degree in discipline. Project Engineer – 3 years minimum experience. Project Manager – 6 years minimum experience. Team Leader – 8 years minimum experience and PE. Group Leader – 12 years minimum experience and PE.

Environmental Factors and/or Physical Requirements: While performing the duties of this job, this position is required to have ordinary ambulatory skills sufficient to visit other locations; and the ability to stand, walk, stoop, kneel, crouch, and manipulate (lift, carry, move) light to medium weights of 10-50 pounds. Requires good hand-eye coordination, arm, hand and finger dexterity, including ability to grasp, and visual acuity to use a keyboard, operate equipment and read application/form information. The associate frequently is required to sit, reach with hands and arms, talk and hear.