

WORK EXPERIENCE

SENIOR / FACILITIES ELECTRICAL ENGINEER12/2017 - PRESENT

Phoenix, AZ

- Troubleshoots, investigates and determines causes for failure, inefficiencies, and systems/equipment repair or modification
- Leads and coordinates repairs. Maintains flexibility to directly supervise work issues, problems, or emergencies
- Assists in maintenance of the facility’s network video recording system (ONSSI) and installation of additional cameras as needed
- Oversees repair and maintenance of facility lighting systems and data center power (UPS)
- Understands standards and specifications, recommends changes to resolve design and construction problems, and writes periodic progress reports
- Provides design information, reviewing and approving proposals and serving as primary electrical contact
- Estimates costs for equipment, materials and installation as a basis for determining the feasibility of alternatives and return on investment
- Approves drawings, specifies equipment and writes purchase requisitions as needed

FACILITIES ELECTRICAL ENGINEER10/2013 - 10/2017

Chicago, IL

- Supervises the work of outside contractors
- Experience with utility systems or a facility’s power supply
- Knowledge of DoD installations
- Direct construction experience building high-tech infrastructure and operational facilities (semiconductor, solar, battery, etc.)
- Medium Voltage equipment including – operating/maintaining the equipment, trouble shooting and programming /adjusting medium voltage relays
- Communicate clearly and interface at an executive level
- Working in a team effort with customers, process engineers, facility engineers, operations personnel and construction disciplines to provide detailed designs and specifications for new capital projects
- Implementing safety into all designs in accordance with company safety guidelines
- Responsible for assuring electrical designs meet all applicable codes and regulations

PRINC FACILITIES ELECTRICAL ENGINEER03/2010 - 04/2013

Detroit, MI

- Responsible for meeting design completion schedules with cost-effective and accurate drawings
- Reviewing and approving electrical designs including approval of circuit assignments by evaluating system loads and specifying critical components
- Providing cost estimates and analysis of proposed projects
- Perform Energy Audits, Provide Energy Usage Calculations, and Circuit Analysis for critical load throughout the plant and circuit protection for Voltage Sag for critical loads
- Strict compliance to Micron EHSS procedures and regulations
- Ensure compliance to Singapore regulatory requirement
- Electrical engineering support at the Santa Clara campus

EDUCATION

INTERNATIONAL TECHNOLOGICAL UNIVERSITY2005 - 2010

Engineer’s Degree in Electrical Engineering

PROFESSIONAL SKILLS

- Strong written and verbal communication skills, as well as strong interpersonal, mediating and project management skills
- Strong time management and prioritization skills to complete assigned tasked according to priority and due dates
- Excellent problem solving skills and demonstrate application of structured problem solving methods and tools
- Proven leadership, a self-starter and a team player with excellent verbal, written, and presentation communication skills
- Possesses strong analytical skills and critical thinking in exploring and researching new methods or tools
- + Demonstrated leadership skills, including the ability to articulate the vision to key stakeholders
- Good computer skills with demonstrated proficiency in ACAD, EXCEL, WORD, Power Point, and MS Project