

EXPERIENCE

OIL GAS & CHEMICAL ELECTRICAL ENGINEER INTERN

New York, NY

03/2016 – present

- Assist with preparing engineering designs, including layout, design sketches, and conceptual design
- Performs and checks engineering calculations following standard methods and principles for projects
- Assist with design and engineering of electrical systems for oil and gas facilities including refineries, chemical plants and compressor stations
- Contributes to the development of client proposals and project cost estimates
- May assist with the procurement process of equipment specifications, bid evaluation and contract administration
- Uses specific software packages such as ETAP for electrical engineering
- Candidate will be an Oil, Gas and Chemical Engineer Intern who can quickly become familiar with various Oil Gas and Chemical electrical systems and make significant contributions

RDE ELECTRICAL ENGINEER INTERN

New York, NY

01/2012 – 01/2016

- Perform research, design, and test, for product improvement and development of new chemical dispensing and control systems
- Participate in the design and development of new embedded circuit board designs
- Work closely with and under the direction of staff engineers
- Ensure compliance with design criteria and standards
- Provide project assistance including debugging circuits and bringing up printed circuit board
- Exercise judgment limited to developing details of work in making preliminary selections and adaptations of engineering alternatives
- Work under supervision of a project manager or senior-level team member

ELECTRICAL ENGINEER INTERN

Phoenix, AZ

06/2008 – 07/2011

- Assisting Engineers in developing engineering solutions and responses to requests raised by Production, Projects,
- Assist in engineering projects developing new electronic products
- Perform or assist with worst case circuit analysis
- Assists other employees in accomplishments of Huntsman company goals. Follows instructions and performs other duties as may be assigned by supervisor
- Coordinating work with other engineers, designers, project managers, construction personnel and vendors
- Readiness to work & develop oneself in a dynamic business
- Author reports on work performed and present findings to the team

EDUCATION

RUTGERS UNIVERSITY

Bachelor's Degree in Electrical

SKILLS

- Knowledge of the basic principles and methods used in chemical plant manufacturing and analyses
- Capability to build relationships with other functions, which will be essential with such activities as teaching teams and transferring knowledge
- Strong electronics troubleshooting ability
- Good working knowledge of Microsoft Office application
- A strong commitment to excellence and to personal and professional growth
- Able to research and analyze information of considerable difficulty and draw valid conclusions
- Ability to work as part of a team as well as work alone to deliver assigned work items
- Demonstrated ability to interpret wiring diagrams and schematics
- Demonstrated ability to think strategically and creatively
- Strong oral and written communication skills