

Robert Smith

Senior Electrical Designer

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SUMMARY

Twenty eight year's experience in the Petrochemical Industry as an Electrical Designer. Responsible for Electrical and Instrument plans, schematics/wiring diagrams for 480 V Switchgear and Motor Control Centers. One-line diagrams, underground duct banks, aboveground conduit/cable tray systems. Details for power, lighting, grounding, junction boxes.

SKILLS

AutoCad, Microsoft Office, Microsoft Excel, Microstation, PDS 3D Modeling, Construction Electrician.

WORK EXPERIENCE

Senior Electrical Designer

WEG Electric Corp - August 2011 - 2020

- Worked with a technical team of other engineers to implement design for low voltage custom drive and control panels.
- Included technical product specification, ladder logic, electrical power, control and mechanical design, PLC and HMI development and bill of material creation.
- Developed schematics, bill of materials and assembly drawings using AUTOCAD Electrical.
- Provided technical support to production to assure units are built to specifications.
- Provided testing guidelines and troubleshooting assistance if required.
- Provided technical support to field engineers as needed.
- Provided application engineering support to customers and WEG employees.

Senior Electrical Designer

Delta Corporation - 2009 - 2011

- Responsible for power distribution, instrumentation, grounding, and lighting design.
- Responsible for the design of the underground power distribution at a Williams Energy facility in Houston, Texas.
- Responsible for power distribution, grounding, and lighting design.
- Designed the power distribution and installation of a 4160-volt chiller for a local hospital and a Cogeneration unit in Las Vegas, Nevada.
- Responsible for power distribution, grounding, and lighting design.
- Responsible for the area lighting and grounding for a North Slope project.
- Responsible for the grounding, lighting, and underground power distribution for a Cogeneration Project at Nikiski, Alaska.

EDUCATION

Bachelor's of Electronic Engineering Technology - (Bryant and Stratton - Cleveland, OH)