

ROBERT SMITH

Senior Electrical Designer I

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Worked as a short term contract Senior Electrical designer, under the supervision of professional Electrical Engineers, Responsible for the design. Worked as a contract Senior Electrical designer, under the supervision of professional Electrical Engineers, was the lead Electrical PDS Designer .

EXPERIENCE

Senior Electrical Designer I

ABC Corporation - 2012 - APRIL 2016

- ACAD Worked toward complete installation of new facilities.
- Established electrical calculation requirements for cable installations, conduit installations, cable tray installations, power distribution, lighting systems and grounding systems in accordance with industry standards and the latest versions of manufacturer software and sizing guidelines.
- Reviewed electrical equipment and controls supplied by mechanical vendors in conjunction with the electrical engineering group.
- Reviewed vendor electrical instrument detail design, fabrication and control drawings in conjunction with the electrical and controls engineering group.
- Required, provided detail design and information needed to construction contractors.
- Designed cable assemblies for instrument panels, student station trainer enclosures, rack mounted equipment, instructor and student workstations and other simulator support equipment.
- Created schematic diagrams and associated wire lists and boms for aircraft systems using autocad lt and ms excel design tools.

Senior Electrical Designer

Delta Corporation - 2011 - 2015

- ACAD Assigned to the Exxon Refinery, Baytown, Texas.
- Worked directly with engineers to perform electrical design jobs from start to finish.
- Responsibilities Design and specification of electrical and electronic systems used to control and monitor process systems in a major U.S.
- Provide all supporting calculations and documentation and maintain all standards per code NEC, NFPA, and OSHA.
- Designed and updated electrical plans, layouts, and arrangement drawings to ensure quality, safety, and customer satisfaction.
- Lead designer on small and large scale projects ranging from 5K to 10M.
- Procured and estimated electrical equipment with vendors to insure

supply, quality, and scheduling met customer standards.

EDUCATION

- Bachelor - (A.A.S. San Jacinto College - Houston, TX)

SKILLS

Microsoft Office, New Format Project Management Software, Plan Grid Project Survey Software.