

Objective

Twenty Four years as an Electrical Designer and Drafter. Fields of Experience include: Intergraph 3-D PDS (raceway & equipment modeling), Drawing Manager, OrthoGen, Design Review, SmartPlant Review, PDS Electrical Project Set-up, PDS Electrical Trainer/Instructor, Unigraphics 3-D versions 10.2 and 11.

Skills

PDS, MICROSTATION, AUTOCAD, REVIT, SP3D Trained.

Work Experience

Associate Senior Electrical Designer

ABC Corporation - 2014 – 2015

- Supported the development, maintenance and improvement of engineering standards, procedures, document control systems, design tools, modeling tools, drawing tools and related systems.
- Recommend methods, materials, and layouts for improvement based on manufacturing needs and capabilities.
- Provided engineering expertise to areas of tooling, prints, specifications, product maintenance, product materials, raw materials, and purchased components throughout the organization.
- Supported the sales departments efforts with technical information and presentations.
- Performed extra assignments in other areas and related task assignments in the work area as required.
- Ability to interface and communicate with engineering and design teams of other disciplines in the power plant design process.
- Responsible for all Electrical/3-D PDS areas of the existing plant.

Senior Electrical Designer

Delta Corporation - 2004 – 2008

- Yanpet Expansion Project, (Polymers Plant), Saudi Yanbu Petrochemical Co.
- This included electrical raceway models and equipment models, utilized PDS design review terminal for client reviews, coordinated cable tray and lighting design with Co-Engineering Co.
- Utilized PDS Interference Manager to resolve interferences with all other disciplines, created electrical models using Project Administrator, layouts and drawings using Microstation, design and layout of grounding plans, layout receptacles/welding receptacles, lighting designs and calculations utilizing Crosse-Hinds lighting program (Agi Lighting) for point to point method, provided voltage drop calculations, circuitry and panel schedules and design and motor elementary diagrams.
- Received a MVP award (Most Valued Performer) for developing a work procedure that significantly reduced costs and time to perform the required tasks on extracting drawing from the PDS model.
- FGN Project (Olestra Cooking Oil Facility) The Proctor & Gamble Co., Cincinnati, OH
Responsible for electrical/instrumentation raceway and equipment.
- Produced electrical/instrumentation models using 3-D PDS.

- This included cable tray, conduit routing and design, instrumentation in-line tap locations, electrical equipment models, layouts and drawings, coordinated electrical design with all other disciplines included video conferences with Irvine, California, and resolved interferences.

Education

A.S. in Engineering Electronics Technology - (Greenville Technical College)