

Zahid Hussain

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Location: Saudi Arabia

DOB: 09-March-1987

Job Experience: 10 years

Professional Summary

Experienced Electrical Draftsman with 10 years of proven expertise in preparing detailed electrical shop drawings, single-line diagrams (SLD), LV and LC drawings. Highly skilled in AutoCAD drafting and documentation. Registered member of the Saudi Council of Engineers. Strong knowledge of design standards and construction practices in Saudi Arabia, with the ability to coordinate effectively with project engineers and site teams.

Key Skills

- AutoCAD Electrical Drafting
- Shop Drawings and As-Built Drawings
- Single Line Diagrams (SLD)
- Low Voltage (LV) and Low Current (LC) Systems
- Electrical Layouts and Schematics
- Saudi Engineering Council Registered
- Coordination with MEP Teams
- Attention to Detail and Accuracy
- MS Office (Word, Excel). Revit (intermediate level)
- Resolving Problems (Regarding Auto CAD or Technical).
- Prepare plans, Schematic diagrams, Single Line Diagrams and detailed drawings for electrical installations (Low Voltage & Low Current)
- Drafting lighting system layout, calculating Lux levels for rooms, offices & common areas etc. using Dialux Calculation software.
- Drafting power system for general socket outlets, disconnect switches, supplying power to medical equipment, non-medical equipment and kitchen equipment.
- Preparing power layout for mechanical equipment AHU's, FCU's, EDH's, EWH's, VAV's, FAF, SAF, EF, Chillers and package Units etc.
- Designing Panel Boards, calculating cable sizes, sizing circuit breakers and calculating voltage drop for each circuit.

- Calculation / designing of Low Voltage switchgears (MDB's), Transformers, RMU's and MV switchgear. Preparing SLD's for Building Power System.
- Designing Indoor Substation layout, consisting of MV switchgear, RMU's, Transformers, Low Voltage switchgear (MDB's) and trenches.
- Preparing outdoor Package Substations and load distribution layouts.
- Designing a complete functional Electrical Power System, with normal power supply from local authorities via MV switch gear, RMU's, Transformers making sure that all electrically operated equipment get sufficient power (voltage) for smooth functioning and Designing a backup Power supply system using Generators, ATS's and UPS (Battery Rack's) to ensure smooth power supply in case of power failure / breakdown of normal power supply from local authorities.
- Also work on QS for electrical systems, find quantities in Revit model, make summery and sheet for all fixtures and devices, tagging items in the CAD drawings with BOQ number and putting data into excel sheets.

Education

Bachelor's Degree (University of Malakand) (2005 – 2007)

Certificate in Computer-Aided Design (CAD)

Certifications & Registration

Registered Member, Saudi Council of Engineers

Languages

English, Arabic, Urdu, Pashto

Professional Experience

- Electrical Draftsman – YMCO

Duration: 10 Years. Jan 2015 – Up to Date

➤ Industrial Projects

- Golden Chicken Poultry Farm Riyadh, KSA
- Savola Packaging System Factory, Riyadh KSA
- Berain Water Factory, Riyadh KSA
- Berain water Factory, 2nd Industrial City Jeddah

➤ Housing Building Projects:

- Dallah Accommodation South Expansion Riyadh.

➤ **Educational Building Projects**

- NIOM (National Institute of Mining Turaif KSA)
- NITI (National Industrial Training Institute Al-Ahsa KSA)

➤ **Facility / Warehouse Building Projects.**

- PDC (Panda Distribution Center) Rabigh KSA
- Al Gosaibi Cold Store, Jeddah
- Al Gosaibi Cold Store, Riyadh

➤ **Hospital Project:**

- Dallah hospital west expansion Riyadh
- Dallah Namar Hospital Outpatient & Rehabilitation Building Riyadh

➤ **Market Project:**

- New Ikea Store Al Thumamah Riyadh