

MOHAMMED NAZEERUDDIN

ELECTRICAL CAD DESIGNER

Membership of the SCE/ Iqama Valid & Transferable / Valid Saudi Driving License

CONTACT DETAILS

 Riyadh, Saudi Arabia

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PERSONAL INFORMATION

Nationality: Indian

Religion: Islam

Gender: Male

Marital Status: Married
(Two children)

LANGUAGES

English, Arabic, Urdu & Telugu

KEY SKILLS

Attention to Detail and Accuracy, Planning Organizing Work Under Pressure Interpersonal Communication Skills, Development Ability Team player, Learning Quickly Ambitious and Creative

CAREER OBJECTIVE

Self-motivated and result-oriented CAD Designer with a remarkable +14 years of Professional experience

I am looking to make a great impact in a challenging environment and to apply my experience to add tremendous value to your customers, specializing in designing the following products Electrical PLC Panels - VFD Panels - DDC Panels Air conditioning equipment Control Panels Area of Expertise Includes the following Engineering Software:

AutoCAD | Revit | Navisworks | Bentley MicroStation | OmniGraffle | Ms. Visio – Excel

PROFESSIONAL EXPERIENCE

Electrical CAD Designer MARSS Group (Riyadh)

Nov. 2020 – Present

Marine and Remote Sensing Solutions develops security and surveillance systems for the protection of critical maritime and land-based infrastructure integrated with different CUAS surveillance sensors.

- Working with Project Engineers and project manager to develop the Electrical Power & Network schematic single-line wiring diagrams of Radar, Titan, Longbow, L3Harries Camera etc.
- Developing the Control Room & Server Room layout with details of the video wall screens & operator desk etc. with the connectivity of network LAN & Power connection details
- Preparing the general arrangement layout top view for Palm Tower, Truss tower platform of equipment like SDB, Radar, Titan, sensor main junction box, lightning protection, etc.
- Palm tower & SDB foundation details drawing of individual foundations showing dimensions
- The cable routing plan shows the underground or overhead routing of power, control, and communication cables
- Preparing the shop drawings for the project proposal to meet the client's requirements Reviewing all received engineering submittals from the subcontracting company Such as IFC drawings
- Applied expertise in electrical drafting software/tools to design and document CUAS surveillance system components
- Coordinating with site engineers from subcontracting companies to ensure adherence to the approved Issued for Construction (IFC) drawings
- Collaborating with the Project Manager to review all Civil and Electrical drawings, ensuring they contain all necessary details before being released for the construction phase IFC.

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| ✚ Electrical CAD Engineer York Johnson Controls (Jeddah) | Dec. 2012 till Oct. 2020 |
| ✚ Electrical AutoCAD/Microstation Draftsman SABIC HADEED (Jubail) | Jan. 2011 till Sept. 2012 |
| ✚ Electrical AutoCAD/Microstation Draftsman Siemens Arabia (Al Khobar) | July 2008 till Dec. 2010 |

ALL 3 COMPANIES RESPONSIBILITY

- **Worked in Johnson Controls** as Sole CAD Engineer responsible for all types of Electrical wiring diagrams for the Air conditioning equipment manufacturing plant approximate annual business of **170 million SAR**.
- Responsible for creating electrical Panels shop drawings for more than **05 million SAR**. Annual business of DDC & BMS control panel
- Responsible for quality check of DDC, VFD, BMS & and RTU control panels to ensure the fabrication & layout, wiring termination etc. completed based on BOM approved shop drawings
- Responsible for checking drawings for accuracy including dimensions, spelling, drafting standards, and completeness utilizing correct project design criteria according to client requirement
- Responsible for visual inspection of Panels documentation reporting and ensuring the Panels before dispatched from the Panel staging facility verifying Each panel & all devices should have the Engraving Tag on the panels properly with all respective final as-built drawings
- **Worked in SABIC HADEED** in the Technical support department as an electrical draftsman using AutoCAD & Bentley MicroStation v8i software I was preparing the electrical schematic drawings for the data center & substation
- Inspection for the outdoor and indoor unit PDP termination as per the Sabic/Hadeed approved drawings
- Performing inspection of Outdoor lighting and indoor lighting fixtures, power outlets inspection cable pulling, cable tags, cable conduit, conduit bush, etc. based on the approved layout drawing
- **Worked in Siemens Arabia** in the Oil & Gas department As an Electrical & Instrumentation AutoCAD Draftsman I was involved in all Aramco projects to prepare bidding drawings, Submittals etc.
- Preparing of PLC & SCADA all electrical wiring diagrams like power distribution and panels layout including top, side, and front view using the software AutoCAD
- Preparing the project bidding submittal drawings for Saudi Aramco NMR 601 & NMR 602
- Generating ILDs (Instrumentation loop diagrams) using the software of AutoCAD & Bentley MicroStation v8i
- Performing all panels' visual inspection before the Saudi Aramco FAT Test with the panel fabrication team supervisor to ensure all panel wiring, components arrangement tags inside the panel, cable lugs, terminals numbering, each component should have a label, grounding bus bar, etc.
- Checking the enclosures and major components available in the factory warehouse before starting panel fabrication
- Communicated with project engineers and other disciplines to develop drawings and resolve design discrepancies & complete the as-built drawings for final approval for FAT

PROJECTS COMPLETED SUCCESSFULLY FOR SAUDI ARAMCO

83 qty. of PLC RTUs with redundant module system | 117 qty. of PLC RTUs for Khuff Gas | Uthmaniyah & Harad Gas plant | 10 qty. of PLC RTU Karan Gas Field onshore & offshore

EDUCATIONAL QUALIFICATION & CERTIFICATION

Bachelor in Commerce (**B.com**) | Diploma in Civil Draftsmanship | Certificate in AutoCAD
Certificate MEP ("Mechanical Electrical Plumbing") | Certificate in Bentley MicroStation v8i