



MOHAMMED ABDUL SAMAD SIDDIQUI

Targeting a challenging role as a Project Engineer, overseeing project lifecycle from bidding to handover, demonstrating expertise in project planning, resource management, design coordination, and timely execution in the field of electrical engineering and construction, preferably in Riyadh.

CONTACT DETAILS

✉ samadsiddiqui05@gmail.com
☎ +966565457440
+966532089309

ACADEMIC DETAILS

- Bachelor's in Electrical & Electronic Engineering from Jawaharlal Nehru Technological University, Hyderabad in 2020

CORE COMPETENCIES

- Construction Quality Assurance
- Health, Safety, and Environment (HSE) Compliance
- Project Quality Control
- Quantity Surveying
- Material Management
- Work Progress Monitoring
- Contract Planning
- Technical Drawing Interpretation
- Project Efficiency Enhancement
- Regulatory Compliance

TECHNICAL SKILLS

- MEP Drafting
- Electrical Designing as per NEC, IEC, SA codes
- DIALUX
- MS Office (Excel, Word, PowerPoint)
- Photoshop
- AutoCAD versions (2016, 2017, 2018, 2019, 2021)

PROFILE SUMMARY

- Spearheaded a team to conduct a comprehensive electrical safety audit, resulting in the implementation of new protocols that improved workplace safety and compliance standards.
- Successfully led a cross-functional team to design and implement a cost-effective energy-saving solution, resulting in a reduction in power consumption for the company.
- Lead operational functions at RAPCO GROUPS EPC CONSTRUCTORS for Saudi Aramco projects in KSA, ensuring seamless project execution.
- Effectively manage the setup of various electrical components like transformers, switchgear, and motors.
- Achieved a cost savings by optimizing material requests, inspections, and approvals for timely project completion at RAPCO GROUPS EPC CONSTRUCTORS.
- Spearheaded the successful installation and testing of a 1500KVA Generator Set, enhancing the operational capacity of the Saudi Aramco Ju'aymah JNGLF fractionation & Rehabilitation GAS Plant project.
- Illustrated expertise in leading cross-functional teams to ensure seamless project delivery, resulting in an increase in client satisfaction and project success rate.

WORK EXPERIENCE

Electrical Engineer | Rapco Groups EPC Constructors | Ras Tanura |Feb'21-Present

Project: Saudi Aramco Ju'aymah JNGLF fractionation & Rehabilitation GAS Plant (OFFSHORE). SEA water intake pumps Loop #05, Loop #15

Responsibilities:

- Supervising and managing electrical project activities under the guidance of the Area Supervisor at Saudi Aramco.
- Managing design modifications of IFC drawings for smooth workflow, while submitting changes for client approval.
- Ensuring compliance with client requirements by preparing IFC and Red line drawings.
- Monitoring the placement of PVC-coated RGS conduits and ladder-type cable trays.
- Conducting cable pulling on cable trays for 120mm² 1C XLPE, SWA, PVC cables.
- Implementing 2500KVA step-down transformers and 500KVA dry-type transformers.
- Handling on-site material management and coordinating inspections with clients.
- Facilitating procurement documentation and following up for inspections.
- Supervising termination of 1C 120mm² cables in the Main MDB and conducting cable testing.
- Setting up switchgear and MCC panels rated at 480 volts and 1250 amps.
- Controlling the installation and testing of 300HP induction motors.
- Establishing lighting and power panels at 480/208/120 volts.
- Locating underground cable faults using Cable fault locator Digi phone+ and performing Megger testing.
- Testing and implementing 0.5HP chain hoist motors.
- Deploying addressable fire alarm control panels and SLC/NLC devices for fire detection.

Project: Mubarraz Garage Station | Mubarraz Saudi Aramco

Responsibilities:

- Reviewing engineering and design documents for all MEP aspects, including single line diagrams, layouts, and area classification.
- Ensuring a thorough review of the scope of work to ensure clarity and accuracy.
- Assisting in the preparation of pre-qualification and technical submittals for clients.
- Addressing client inquiries and providing optimal solutions.
- Coordinating closely with the procurement team to ensure timely material availability.
- Generating RFIs for MEP tasks conducted both indoors and outdoors.
- Implementing 500KVA distribution transformers.
- Executing outdoor cable laying, termination, testing, and commissioning.
- Deploying earth mesh with cad weld joints.
- Conducting cable megger and HV tests hands-on.
- Installing HVAC package units.
- Establishing power panels, including electrical (SWDB, MDB, DB) and HVAC (DDC).

SOFT SKILLS

- Communicator
- Analytical
- Adaptability
- Team Leadership
- Critical Thinking

PERSONAL DETAILS

Date of Birth: 05th June 1999
Languages Known: Arabic, English & Hindi
Address: Ras Tanura, Dammam, KSA
Passport No.: U8557018
Driving License: 2504292513 valid till 2027
Marital Status: Single
No. of dependencies: 0

Project: Udhailiyah Warehouse of IT material storage | Saudi Aramco

Responsibilities:

- Coordinating between different departments within the company, including Sales, Estimation & Design, and Procurement & Production.
- Generating reports on ongoing projects for management review.
- Monitoring project records and updating progress accordingly.
- Maintaining the status of submitted and pending quotations.
- Following up with the procurement department to ensure timely material delivery to the site.
- Organizing technical meetings to address any project-related issues.
- Conducting site inspections and preparing snag lists as needed.
- Illustrating strong management, document control, leadership, and communication skills.
- Preparing as-built drawings to document any deviations during project execution.
- Generating daily QA/QC reports regarding inspection materials and non-conformance issues.
- Installing low-current systems such as addressable fire alarm systems, security systems (CCTV & access control), and IP & data telephone systems.
- Implementing safety measures and precautions on site.
- Supervising the laying of underground cables.
- Deploying a 1000KVA oil-type transformer.
- Assisting in testing, commissioning, and cable splicing for the transformer.

BMS Testing Engineer Honeywell | Nov’20-Feb’21

Project: King Saud University | Riyadh

Responsibilities:

- Reported to the Project Manager.
- Conducted testing and commissioning of HVAC systems using software such as NIAGARA 4.10.
- Liable for loop detection and fault identification within the system.
- Managed BMS interfacing and program downloading tasks.
- Ensured proper airflow, pressure, and functionality of dampers.
- Performed calibration for maximum and minimum airflow requirements.

Electrical Site Engineer | S.E.A Constructions |Hyderabad | Jan’19- Mar’20

Project: High Rise Towers (G Floors), Aishwarya Silks

Responsibilities:

- Reported to the Construction Manager.
- Was accountable for project execution and planning, including approved design and shop drawings, manpower planning, and material planning.
- Monitored LV installations, including cable raceways for lighting and power panels (MDB, SMDB, DBs), cable pulling and terminations, and final testing.
- Managed installation of Extra Low Voltage systems (CCTV, access control, telephone intercom, and public addressable system).
- Conducted load schedule calculations, cable size calculations, cable tray/cable trunking calculations, MCC calculations, electrical SLD, and voltage drop calculations for cable size selection.
- Coordinated closely with the construction manager and design engineer to address project execution issues.
- Collaborated with consultants and transformer/switchgear vendors for design approval and complete installation at the site.
- Assisted draftsmen in preparing shop drawings for all systems and final as-built drawings.
- Maintained close coordination with consultants for materials approvals and inspection of site work executions.
- Rectified consultant comments and followed up with actions until final approval.
- Updated and submitted daily and weekly reports to the construction manager.
- Coordinated closely with other site disciplines (civil and mechanical).
- Provided assistance to the construction manager during weekly site progress reviews and site coordination meetings.