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Amer Hussain Mohammed

"A result-oriented professional with excellence in implementing quality mechanisms to deliver desired output"

Industry Preference: EHV & HV Substation Construction/ Power Utilities/ Maintenance

Personal Details

Date of Birth: 28th March 1986
Languages Known: English, Hindi, Urdu, Arabic & Telugu
Address: Hyderabad, India
Marital Status: Married
Nationality: Indian
Driving License: KSA & India

hussainmohd86@gmail.com +966-568573408
 www.linkedin.com/in/mohammed-amer-hussain-b4135424/

Profile Summary

- Electrical Engineer with over 11+ years' experience in EHV & HV Substation, Engineering Utilities – Design Review, Scheme Interfacing, Testing, Trouble shooting, Retro fitting & Construction Management, Tendering & Quality Management.
- Efficient in coordinating the project & client for the set-up standards for strategic utilization & deployment of available resources to achieve organizational objectives.
- Proficient in monitoring & improving project progress through site inspection, site meeting & coordination with all concerned and personnel performance to achieve enhanced levels of efficiency.
- Expertise in planning and effectuating utility activities of the plant (planned, corrective, preventive & emergency / shutdown breakdown) for ensuring zero / minimum breakdowns as well as maximum availability of plant machinery and equipment.
- Hands on experience in MS Office (Word, Excel, PowerPoint, Outlook & Visio).
- An enterprising leader with skills in leading personnel towards accomplishment of common goals.

Area Of Expertise

SUBSTATION CONSTRUCTION |
ENGINEERING UTILITIES
| TESTING | TROUBLESHOOTING |
CONSTRUCTION MANAGEMENT |
PROJECT MANAGEMENT |
QUALITY MANAGEMENT

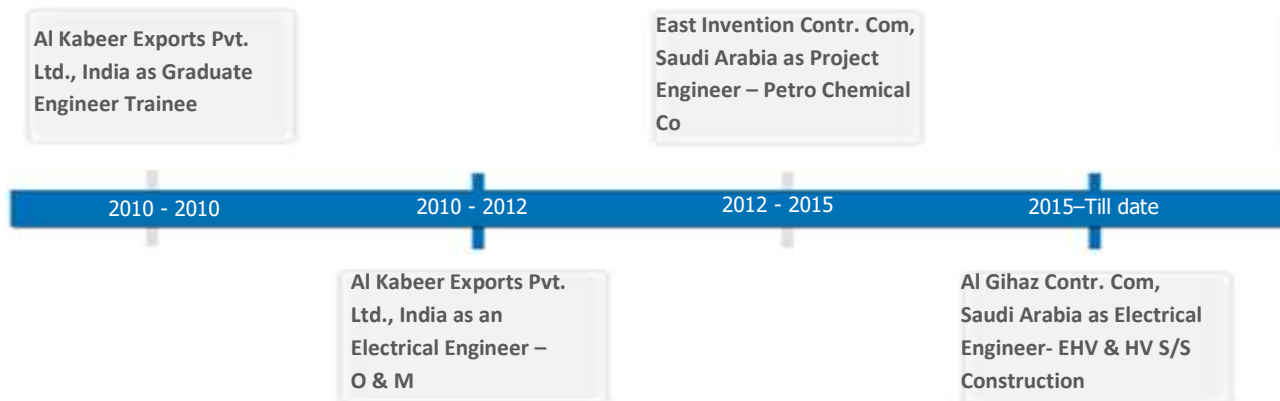
Certification

Saudi Council of Engineers

Academic Details

- B.Tech. (Electrical & Electronics Engineering) from Jawaharlal Nehru Technological University, Hyderabad in 2010

Career Timeline



Core Competencies

Operation & Maintenance of Utilities

Construction Management

Quality Assurance

Health, Safety & Security

Budget & Resource Management

Environmental Management System

Risk Assessments

Material Management

Cross-functional Coordination

Organizational Experience

June'15 – Till date with Al Gihaz Contracting Co, Saudi Arabia as Electrical Engineer - Engg. Utilities – EHV & HV S/S Construction

Sep'12 – April'15 with East Invention Contracting Co, Saudi Arabia as Project Engineer – Tasnee & Chemanol Petro Chemical Co.

Dec'10 – Aug'12 with Al Kabeer Exports Pvt. Ltd., India as an Electrical Engineer – Operation & Maintenance

May'10 – Dec'10 with Al Kabeer Exports Pvt. Ltd., India as Graduate Engineer Trainee

Key Result Areas:

- Spearheaded Erection & Installation of all Major & Minor Equipment of EHV & HV Substation, LV & MV Electrical Distribution, HV & MV Cable Duct Banks, Cable Ladders, UG Cable Works, Earth Grid Works, Shutdown Works – Pre-check Scheme, Testing, Trouble Shooting, Retro Fittings, HVAC System, Fire Fighting System, Material Handling Equipment & Engineering Workshop
- Ascertained Risk Assessments Know the Job Cards, LOTO, Permit to Work, 5S, Toolbox Talks, Awareness Campaigns and Adherence to standards.
- Administered budget & resource management, Tendering, material management, developing SOP's, KPI's, Quality procedures, ISO, HAZOP, Environmental Management System, Skill Matrix & Internal Audits
- Monitored & performed audits with quality department
- Reviewed stock at regular intervals to maintain the safety stock of critical spares
- Conducted training needs assessments of employees and development of skill matrix following with Individual development plans.

Significant Accomplishments:

At Al Gihaz Contracting Company, Saudi Arabia; Electrical Engineer – EHV & HV Projects

- **Project : Construction of 110/13.8kV HEERA S/S – 02 No's Line Bay Shutdown Works**
Client : Saudi Electricity Company, Jeddah
- **Project : Construction of 110/13.8kV King Abdul Aziz University – Reinforcement of UGC And Remote End Works for UN4 & UN3 S/S**
Client : King Abdul Aziz University, Jeddah
- **Project : Construction of 110/13.8kV King Abdul Aziz University – Addition of Existing GIS 2 Bays & Extension of UN3 Substation**
Client : King Abdul Aziz University, Jeddah
- **Project : Construction of 110/13.8kV King Abdul Aziz University – UN4 Substation**
Client : King Abdul Aziz University, Jeddah
- **Project : Construction of 110/13.8kV King Faisal Hospital Substation**
Client : Saudi Electricity Company, Jeddah
- **Project : Construction of 110/13.8kV Motamarat Substation**
Client : Saudi Electricity Company, Jeddah

Key Responsibilities :

- Erection & Installation of GIS (Make: Hyundai, Siemens, Hico, Alstom).
- Erection & Installation of Power Transformer (Make: Best, Siemens) & NGR (Make: Metal Deployee Resistor).
- Erection & Installation of MV Switchgear (Make: Al Fanar, ABBand Siemens).
- Erection & Installation of Capacitor Bank & Reactors (Make: Cooper).
- Erection & Installation of Control & Relay Panels, SAS Panels, RTU Panels, SCADA/Annunciation Panel.
- Erection & Installation of Battery Chargers, Battery Bank, Tele-Protection/Communication Panels.
- Erection & Installation, Testing of Split core CT's (Make: Siemens) and GIS CT (Make: Alstom) at Remote End Substations.
- Installation & Testing of HV/MV cable Termination kits for UG Cables.
- Installation & Testing of Earth grid such as Touch/ Step Voltage using CPC- CP-CU1-CPAL1.
- Installation & Testing and Trouble Shooting of PLC – Siemens Simatic S7 200 for Annunciation/Mosaic Panel.
- Attended meeting for reviewing of technical Specification as per approved AFC Drawing/scheme & Modification, Follow-up for project completion in time frame.
- Attended meeting for Tendering 380/132/110KV S/S site visit inspection for requirement of project technical specification
- Maintained the 0% client snag list/logs upon energization.
- Prepared MOS for Substation activities of all equipment's with reference to ISO, BS, ANSI, NEC, NEMA, IEEE, IEC & Saudi Electricity Standard.
- Record keeping ITP, FAT, SAT, Shipments Release and MIRN/RMI, RFI, Daily/Weekly Progress Reports.
- Managed Quality Management Tracking system, MOM, NCR's and Audits for continuous improvement.
- Inspection of the material accordance with quality assurance at Warehouse/ Site Store to ensure its conformity to the

- project specifications and Purchase Order.
- Developed the Team in terms of technical & managerial skills; achieved the Targets regularly
- Ensured strict compliance to 5S, Quality Procedures and Health, Safety & Security System within the departments.
- Contributed towards annual preparation/revision of Risk Assessments of individual departments and providing awareness on Hazards to the employees through toolbox talks.

At East Invention Contracting Company ; Project Engineer – Industrial Projects – Jubail, Saudi Arabia.

- **Installation & Testing of OHT Crane for HDPE Plant – Tasnee Petrochemical Co**
- **Design & Construction And Installation & Testing of Sewage Vertical Pump Station For Tasnee Petrochemical Co**
- **Installation & Testing of HV/MV UG Cable and Emergency Distribution Panels for Chemanol Methanol Chemical Co.**
- **Installation & Testing of Aux. /Station Transformers for Chemanol Methanol Chemical Co.**

Responsibilities:

- Attended Site Tender meeting with client for project specification Details.
- Developed SOW , MOS and JSA for execution of works.
- Design Review, Supervision and site inspection for Execution works.
- Project works planning and coordination with client.
- Daily meetings with client for ongoing works and attending Tool Box Talk.
- Preparation of submittal and BOM, Material inspection.
- Project invoicing and follow up with client.
- Conducting meetings with site team for safety awareness to work safely at Hazardous Area.
- Reviewing safety documents for safe man hours.

At Al Kabeer Exports Pvt.Ltd., India; Electrical Engineer – Operation & Maintenance.

- Operation & Maintenance of Substation of 33kV/440V & LV Distribution System
- Electrical Testing, troubleshooting & preventive maintenance of Refrigeration Plant, Processing & Packaging Machines, Steam generation Plant, Effluent Treatment Plant, Water Pump House, Bio Mass Plant.
- Testing & Troubleshooting of AC/DC VFD's and Installation & Configuration – Make ABB, Schneider Electric.
- Installation, Testing & Calibration of Digital Meters.
- Attended the breakdown and minimized the Electrical Power shutdown by identifying the problem with synchronization unit from Balmer make of the Standby Power generation plant.
- Designed a Loader and got fabricated through workshop and installed in Rendering Plant, thus minimizing the manpower and ergonomics hazards.

Technical Skills

- Operation & Maintenance MV/LV Distribution System, experience on the following:
- Automated MV Distribution System Central SCADA (Schneider Electric, Siemens, ABB)
- MV Metal Clad Sets, NGR's & LV PCC's & MCC's
- Ring Main system Substations
- PLC's of Schneider Electric & Siemens (used for Annunciation Panel)
- Creation of Master Data of Materials, Creation & tracking of Purchase Requisition, Purchase Orders, Goods movement, Posting goods, Reservations, searching materials, Classification of materials, Generating of Reports
- Workshop Activities – Fabrication, Welding, Cutting

Soft Skills

