

ABDUL RAHMAN MOHAMMED

KHALEEL



Sr. ELECTRICAL ENGINEER
15 yrs KSA Experience.

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LinkedIn Profile:

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Nationality: Indian

Languages Conversant with:

English, Urdu and Arabic.

IQAMA: TRANSFERRABLE

Saudi Driving License: Available

MEMBER OF SAUDI COUNCIL OF ENGINEERS: 112949

OSHA CERTIFIED.

TECHNICAL SKILLS:

- Design software: Auto Cad, Revit
- ETAP
- BIM Model review with NEVIS
- Trained for 'O' accident scheme.
- MEGGERS, multi/clamp meters, cable fault locators, Fluke Earthing meters, (CAT I,II,III)
- Various crimping tools (Hydraulic & Pneumatic).
- Lumination Meter.
- Audio & Acoustic Analyzer
- Windows OS
- MS-Project, MS-Viewer-MEP, MS-Access, MS Office
- Languages: C, C++.
- Strategic Installation Procedures
- Quantity Survey
- BOQ
- IAT-Installation Acceptance Test Documentation

Standards Awareness: NEC ,SEC-SDMS,NFPA,IEC,BS,IEE

PROFESSIONAL OBJECTIVE:

To be a part of progressive organization where my hard working and smart working skills are utilized to earn an asset.

DESIRED POSITION:

Sr. Electrical Engineer. (On-Site, Design, QA/QC, Supervising Consultant Inspector or Commissioning Engineer.)

ACADEMIC PROFILE:

B-Tech in Electrical & Electronics Engineering,
JNT UNIVERSITY India (2009)
Pursuing PMP , OSHA Certified.

- I , Abdul Rahman Mohammed Khaleel, Senior Electrical Engineer with 15 Years experience in high-rise buildings , utility tunnels , sub-stations & metro rail projects. I have got a chance to work in challenging projects in Riyadh KSA like KAFD, Al Rajhi HQ Tower (32 Floors) & Riyadh Metro Project Line 1,4&6, underground stations, elevated stations & tunnel facilities installation.
- I have done installation & testing commissioning for LV, HV & Low current systems like Fire Alarm system, Access Control System, CCTV, Public Address System, Public Information Displays & FSCADA.I am well versed in installation procedures to avoid any delay in the project with zero accident schemes in compliance with project specifications.
- Attend management meetings, progress review meetings, technical meetings, RFI reviews, IAT procedures. Project handover documentation, warranty certificate from vendors.
- Successfully tested & commissioned public address system in KAFD station line 1 which has 856 speakers including DSX80 Active Speakers.
- Worked as QA/QC engineer in Al Rajhi HQ project during handover stage.

EXPERIENCE:

Project: Riyadh Metro (Line 1/2)
Company: Siemens Mobility, Riyadh
Position: CIS Installation Engineer, (PA, PIS&FSCADA)
Tenure: Feb 2022 – Present.

Project: Riyadh Metro (Line 4/6)
Company: Samsung C&T Corp., Riyadh
Position: Sr. Electrical Engineer
Tenure: Mar 2017 – Jan 2022.

Project: Al Rajhi Head Quarters Project
Company: Samsung C&T Corp., Riyadh
Position: Sr. Electrical Engineer
Tenure: Mar 2016 – Mar 2017.

Project: King Abdullah Financial District
Company: Saudi Binladen Group, Riyadh
Position: Electrical Site Engineer
Tenure: Feb 2010 – Feb 2016.

PROJECT DETAILS:

Working in Siemens Mobility as Sr. Installation Engineer

RIYADH METRO PROJECT – LINE 1&2

(3 Underground Stations & 2 Elevated Stations).

For CIS-Customer Information System which includes PA-Public Address, PIS-Passenger Information System & FSCADA-

Facility Supervisory Control and Data Acquisition System.

- Handled Installations for PA, PIS & FSCADA systems.
- Quantity survey & analysis of all materials including long lead items.
- Prepared PO, PR for required approved materials.
- Done 1st, 2nd and final fix for all stations.
- Coordination with Track systems and other lots.
- Coordination with Archi team prior to all installations.
- Provided circuit test sheet for and data test sheets for T&C handover.
- Work inspected with consultant for approval.
- Progress installation tracker update.
- Troubleshooting the earth's faults and impedance value issues.
- Fire Alarm System Commissioning & Trouble shooting, Ground faults.
- FA interface done with PA system.
- Supported Testing & Commissioning team.PID screen installation in coordination with PSD teams.
- Workstation installation & commissioning for FSCADA systems in SMR rooms.
- Strictly followed Siemens EHS and Quality policy and guidelines.
- Daily reporting of site progress, ensuring that progress is measured in terms of planned Activities versus actual.

Worked in SAMSUNG C&T Corporation as Sr. Electrical site engineer

RIYADH METRO PROJECT – LINE 4 (2 ELEVATED STATIONS)

KAFD Station, 4B1 & ITPS 4.1.

- Handled electrical installations for Power, Lighting, Fire alarm, PA & ACID Systems at Grade Level, Platform and Concourses.
- Quantity analysis for all materials including long lead items.
- Prepared PO, PR for required approved materials.
- Done 1st 2nd and 3rd fix for bms points, like DPT, BTU & in MCC, SMDB's etc.
- Coordinated with Track systems for all site related requirements.
- Coordinated with Archi team prior to all installation.
- Work inspected with consultant for approval
- Fire Alarm System Commissioning & Trouble shooting, Ground faults.
- Fire Scenario demonstration done with client representative.
- Testing & Commissioning done for PA Systems, 1375 kva Generator, 160 kva UPS & CBS Systems.

Worked in SAMSUNG C&T Corporation as Elec. QC engineer AT AL RAJHI BANK HQ PROJECT

- Responsible for Plan, Schedule and organize site staff, material and activities as per the scheduled progress plan.
- Reporting to QA/QC Manager or Construction Manager or Project Manager on Daily, Weekly, Monthly activities report and update follow up to Supplier for material delivery with time to site.
- Performing Filed inspections in compliance with National Electrical Codes and approved Shop Drawings.
- Follow strictly with MTS (Master Time Schedule).
- Maintaining project wise required Quality records.
- Maintain and Coordinate with QA/QC Manager follow up client for NCR (Nonconformance Report), PL(Punch List),FDC(Field Design Change),ECC(Erection Completion Certificate),TOC(Test On Completion),RFI(Request For Inspections),EWC(Extended Warranties Certificate) and all close outs.

- Analyze any non-conformity notice and take appropriate corrective and preventive actions, resolving NCR's.
- Strictly maintaining ISO 9001 2008 standards. Responsibility for compiling the content as well as implementing quality control procedure manual as it relates to day-to-day operations, review cycles and design execution to evaluate quality and performance per client specifications.
- Making RFI (Request for Inspection) for consultants.
- NCR Follow up till close outs.
- Preparation of IAT (installation Acceptance Test) Documentation.
- Conducting quality assurance and quality control inspections and weekly reporting.
- Installation, testing and commissioning of Power panels, low voltage switchgears, MCC panels, lighting panels.
- Preparation of Method Statements, Inspections & Test Plan and lifting plan.
- Inspection of cable laying (Power Cables), Low Voltage Power Panels, Dry Type Transformers, Cable Trays & Conduit Installation, Earthing System Installation.
- Co-ordination with Consultant for Inspection.
- Review Material Take off To Ensure Compliance with Project Requirement.

**Worked in Saudi Binladen Group as Site Engr , for 32 floor residential and commercial building, followed all LV and LC systems
SAUDI BINLADIN GROUP – KING ABDULLAH FINACIAL DISTRICT PROJECT –RIYADH KSA**

- Undertake complete electrical installation works according to project specifications.
- Commissioning done in –Public address system, ACS, CCTV, Fire Alarm system and BMS
- Medium Voltage, Low Current, Low Voltage Systems cable, Bus duct INSTALLATION as per standards. (BS, NEC, NFPA, IEC, IS etc.)
- Design documents Verification, up gradation, Performed tests of continuity, insulation resistance hv tests & low current buzzer tests etc.
- Witnessed, Hi pot tests, Cold test and functional test for MCC & SMDB panels.
- Ring Main Unit (RMU) system, transformer (1000kva) and generator installation.
- Did motor terminations, capacitor panel installation & commissioning
- Complete project works for 1st, 2nd & 3rd fix installation
- Quantity surveying & material selection as per project specs
- Clear & emphasized delivery of work plan to the subordinates.
- Supervised complete HV (13.8kv) and LV works.
- Erection and earthing of Transformer and generator (Copper plate)
- Provided support for the documentation's submittal of electrical material for consultant approval.
- Submitted Construction Inspection Request and followed the IPC.
- Commissioned power panels and utility panels and capacitor panels.
- Worked on TOSHIBA VFD's and soft starters.
- Cable laying, glanding and terminations, XLPE joints.

I HAV A SOUND KNOWLEDGE IN SYSTEMS LIKE

- FIRE ALARM SYSTEM, ACCESS CONTROL SYSTEM, BMS, PUBLIC ADDRESS SYSTEM, LIGHTING CONTRL SYSTEM, LIGHTENING PROTECTION SYSTEM, LOW VOLTAGE SYATEM, HIGH VOLTAGE SYSTEMS

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