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| **Aamir Khan****E&I QC Engineer** |  #Abqaiq, Saudi Arabia (KSA) Mobile: **+966-580340257**,+91-9826853247 E-mail: aamir.khaneec5@gmail.com Skype: aamir.honey7**IQAMA: TRANSFERABLE** |

**Seeking Middle Level Assignments in:**

**QA/QC Inspection/Supervision Responsibilities, Maintain potential, oil wells, FAT, SAT, Inspections, , Residential Building, Villas Project.**

## **SUMMARY OF PROFILE & KEY SKILLS**

* Extensive **11** years of Experience in Quality Control & Assurance (QC/QA) - Electrical Domain.
* **Saudi Aramco Approved & Certified as Electrical & Instrumentation QC Inspector (DCN NO:-SA0MPPIU/ABQ/L-2019/0902)**
* **Saudi Aramco Approved & Certified as Electrical QC Inspector (TR-01382-AC6-339/16-PID).**
* **Saudi Aramco Approved & Certified as QC Instrumentation Inspector -(TR-01382-AC6-424/16-PID).**
* **FDH JV (Fluor|Daewoo|Hyundai) Approved & Certified as Electrical E&I Inspector (FI-40-K037-HEI/FDH-055-L)**
* Working experience of Inspection and testing activities as per project specifications, approved Project Quality Plan, standards, codes, and Inspection Test & Plans (ITP) for Quality Control.
* Experience on Saudi Aramco issued Quality documents e.g.; Saudi Aramco Engineering Standards (SAES), Engineering Procedures (SAEP), Typical Inspection Plan (SATIP), Inspection Check List (SAIC), National Electrical Code (NEC) etc.
* Knowledge & Applications of industry codes and standards related to electrical installation and testing (ANSI, ASTM, BS, NACE, NETA, IEC IEEE, IS, NEMA, Saudi Aramco Construction Specification etc.)
* Experience on issuing of NCR (nonconformance report), Project Quality index (PQI), RFI (request for inspection) etc.
* Experience to inspect subcontractor & supplier’s procedures, Instruments, materials, calibration activities & Progressive compilation.
* Perform field inspections of electrical systems and attend system startup field activities.
* Knowledge of SKM Systems Analysis Software for fault, coordination and arc flash studies.
* Experience to design electrical low voltage and medium voltage electrical distribution system includes preparing design drawings (single line diagrams, plans, wiring schematics, schedules, etc.).
* Operating Systems: WIN XP/2010(MS Project & Excel, PowerPoint etc.), Windows NT4.0 & Internet works etc.
* Excellent interpersonal skills and ability to work in a cross-functional environment and analytical skills Self-motivated, aggressive and team player
* SME(Expert) in BIM Modeling, 2D/3D design and Revit MEP systems, depending on engineering documentation in order to produce mounting, conduit size, cable tray routes.

**Br. CAT International Contracting Company**

As Electrical & Instrument QC Inspector

All Internal QC Responsibilities, Assistance during Client Inspection.
Sizing of Electrical Equipment likes Transformers, DGs, Bus Ducts, Cable sizing, electrical equipment’s.

Reliability with Execution

And detailing of designing and going through Techno commercial

As Per Demand of the Project.

(**April/2019 to Till Date)**

**Maintain Potential project (Abqaiq]**

**Heavy Engineering Industries & Shipbuilding Co. (HEISCO), Kuwait**

ELECTRICAL QC ENGINEER -PROEJCT DESIGN, EXECUTION AND MANAGEMENT-

All Internal QC Responsibilities, Assistance during Client Inspection.
Sizing of Electrical Equipment likes Transformers, DGs, Bus Ducts, Cable sizing, electrical equipment’s,

Housing project

 (**April/2018 to March/2019)**

**Azmeel Contracting Company**

As Electrical QC Engineer (On ARAMCO Dhahran Expansion project Villa Projects-Infra)

MEP HOUSING PROJECT,CONDUIT ROUTING,MEGGER TESTING, IR TESTING. All Site acceptance test, all Electrical Testing, recording and documentation.

(**Dec/2015 to Feb/2018)**

**Earth Engineering & Construction (EEC)**

HANDLING project of

Supervision for Installation, Commissioning of, ESCLATOR SYSTEM, LIFT SYSTEM, FA, CCTV, ACCESS SYSTEM, BOMBARIER, DOOR ACCESS, PA SYSTEM, LOAD CEL, SUBSTATION, ALL HV/LV PANELS, SIGNAL SYSTEM.

All Site acceptance test, all Electrical Testing, recording and documentation.

(**Sep/2010 to Oct/2015)**

## **PROFESSIONAL EXPERIENCE ­-**

## **Br. CAT International Contracting Company** – Br. Cat International Contracting & Construction Company, as a home company of CAT Group, is actively engaged in the diversified construction led all over the eastern province from long time. Here, Professional engineers in various disciplines, strong technical workforce has yielded series of successful projects, MEP- Building works, Power etc

## **Department: Electrical |QA/QC Department**

## **Role: Quality Control Engineer (QC) Electrical& Instrumentation Inspector**

## **Duration: April-2019 to Till Date**

**Project : Maintain potential project**

## **Client: Saudi Aramco, Abqaiq**

**Roles and Responsibilities:**

* Responsible to raise the RFI (Request for Inspection) and arrange the site inspection as per Hold/Witness with client representatives
* Responsible for the over-all implementation of Quality Control related electrical works accordance with project specifications and Engineering Standards.
* To carry out the inspection as per the Saudi Aramco standard and specification
* Inspection of the items the entire electrical items, dimensionally and visually as per data sheet.
* Monitor and inspection of equipment is which are installed (distribution system) to ensure the continuous power supply. And verify the materials care received as per project specification, SAMSS,9COM
* Sound knowledge with Saudi Aramco standard and specification.
* Handling the QMIS system( to encode and close the RFI’s and follow up & close the violation in the test in the QMIS log book entry )
* To prepare the two-week look ahead schedule as per the construction activities
* To complete the inspection for all construction phase activities
* Reports daily Inspection activities QA/QC department and maintaining various data records update. Attend the weekly QA/QC, and commissioning meetings
* Identifying NCR (Non Conformance Report) and implementing the corrective actions in comply with client standards and specifications.
* Issuing internal log book entry if found any deviation/violation to the standards during surveillance of the work
* Works within established structures, procedures, engineering standards and methodologies developed to be implemented by the project.
* Coordinate with client representatives regarding the Implementation of quality procedures, safety compliances and quality of works
* Providing suggestion and assisting Engineers and supervisors regarding Electrical works in Substations, Compressor area and process area to meet the quality standard.
* Documentation Control, Preparation of RFI, conducting pre-inspection, inspection and Testing of illumination of lighting, circuit breaker, Ensuring Project Quality as per standards.
* Monitoring the QA/QC documentation of contractors and ensure that all the activities are incorporated to their system on daily basis and can be traced according to our requirements.
* Review all necessary documents required for the turnover of the project package. Involved in installation and pre-commissioning of the motors, ups, fire alarm systems, cable trays, and conduits works.
* Prepare and review thee energization package for the Equipment energization
* Review all necessary documents required for the turnover of the project package. Involved in installation and pre-commissioning of the motors, ups, fire alarm systems, cable trays, and conduits works.

## **Heavy Engineering Industries & Shipbuilding Co. (HEISCO), Kuwait**– HEISCO is a major Engineering, Procurement and Construction (EPC) Contracting company based in Kuwait with a diversified range of business in Oil and Gas, Petrochemicals, Power etc

## **Department: Electrical |QA/QC**

## **Role: Quality Control Engineer (QC) Electrical& Instrumentation Inspector**

## **Duration: April-18 to March-2019**

## **Client: FDH-JV, Kuwait**

**Roles and Responsibilities:**

Supervision of Electrical / Instrument Equipment installations & Erection activities, providing technical inputs for methodologies & coordination with site management activities.

* Worked as E&I QC Inspector (FDH-JV Certified) in HEISCO at Kuwait.
* Conduct site inspection and ensure all electrical installation must comply with the design specifications, as per drawings and as per applicable standard.
* Quality checks of grid station, Transformers, protection relays, timers, Switch Gears, Panel Boards, Circuit Breakers, and electrical equipment
* Verification of Inspection Readiness before issuing RFI
* Keeping the files/Inspection Records always updated

## **Azmeel Contracting Company** – AZMEEL Contracting & Construction Company, as a home company of AZMEEL Group, is actively engaged in the diversified construction led all over the eastern province from long time. Here, Professional engineers in various disciplines, strong technical workforce has yielded series of successful projects, where AZMEEL has set new standards while handling assignments for renowned clients.

## **Department: Electrical |QA/QC Department**

## **Role: Quality Control Engineer (QC) Electrical & Instrumentation Inspector**

## **Duration: Dec-2015 to Feb-2018**

**Project : Expand Dhahran Residential Community Project**

## **Client: Saudi Aramco, Dammam - KSA**

**Roles and Responsibilities:**

* Working as E&I QC Inspector (Saudi Aramco certified) in Azmeel Contracting Company at Dammam, KSA.
* Conduct site inspection/surveillance for all on-going construction activities, Materials and Equipment received on site prior to installation on regular basis to make sure that all installation are as per approved for construction drawings, project specification and is conforming to the latest version of Saudi Aramco Engineering Standard, NEC, IEC and other applicable industry codes and standards.
* Preparing Method Statements, Quality Control Procedure, Inspection Test Plans and related forms as per Projects requirements.
* Saudi Aramco Material Standard and Specification (SAMSS), NEMA, NEC and other applicable industry code and standards with complete documents (e.g. Material Test Certificate or Certificate of Conformance, Calibration Certificate, Instruction manuals & procedures).
* Responsible for the identification, investigation and issuance related Reports to construction group to determine the root causes of non-conforming items & guide construction group the initiative corrective actions to prevent repetition of non-conformities.
* Review subcontractor or supplier quality document submittals to ensure effective controls are in place in key areas.
* Check and review construction/installation sketches and drawings, ensure that the sketches/drawings conform to the project specifications and standards.
* Coordinate with the company’s discipline engineers for the resolution of technical discrepancies; coordinate with management for quality improvements.
* Coordinates with the client representatives on matters involving quality assurance and control activities.
* Prepares and submits Request for Inspection (RFI) on completed works to clients for their approval.
* Report on daily inspection and testing activities and Issuing Non-Conformance Reports (NCR) on works that deviates standards and design specifications.
* Identifying and recording quality problems and opportunities for improvement, and

Initiating or recommending solutions.

* Preparing the Quality assurance plan and various checklist as per IE acts & rules
* Doing the Risk assessment for the various activities in the project
* Conducting a Tool box meeting on the sites to identify the hazards in the work
* Ensuring that Project quality Plan and procedures are activated at site, to carry out the preparatory, initial and follow up inspections as per the approved ITP.
* Conduct Inspection/witness for all on-going field instrument calibration testing (bench and field calibration) and prepare documents prior to client/proponent approval.
* Material Receiving Inspection of Instrument Equipment’s.
* I.R Test and Continuity Test of Instrument Cables.
* Inspection and witness of Instrument Calibration at the Instrument laboratory.
* Monitor Field Equipment’s, DCC Panels, & FADS & FAS and coordinate with vendor for commissioning and startup of the instrument Control and Control Building.

## **Earth Engineering & Construction (EEC)** – A leading M.E.P company doing many projects in the Electro Mechanical, BMS, Fire Fighting & maintenance field, has growth with the challenges of Design, Planning & Managed services. Our design & operations are specific to meet the requirement of the latest technological aspects.

## **Department: Projects | MEP Department**

## **Role: Electrical Engineer - QC**

## **Duration: Sept-2010 to Oct-2015**

## **Project Clients: PWD (Constructions) & CPA (Electrification)**

## **Roles and Responsibilities:**

* Supervision of Electrical / Instrument Equipment installations & Erection activities, providing technical inputs for methodologies & coordination with site management activities.
* Knowledge & Applications of industry codes and standards related to electrical installation and testing (ANSI, ASTM, BS, NACE, NETA, IEC IEEE, IS, NEMA, Construction Specification etc.)
* QC/QA of Electrical machineries/equipment, Check the drawings and documents used at site for approvals and compliance.
* Prepare weekly surveillance reports, non-conformance reports and verification of corrective actions.
* Routine inspection for the Electrical work activities and Inspection of incoming Client materials.
* Involved the Preparation of Reports, Logging & register to QA/QC plan and Non- Compliance Reports.
* Implement QA / QC procedures. Prepare Method Statements including inspection and test plans.
* Conduct Quality / Safety Audits to ensure adherence to Quality and Safety norms across the entire course of project execution.
* To produce models documents for nationally based projects using Revit Architecture.
* Coordinate with Clients, Main /Sub Contractors, monitor their performance in view of project schedule.
* Prepare master schedules for all projects including Resource Schedules, Execution methodologies, Milestones.
* Ensure the smooth functioning of the project in terms of quality, time and cost; including Quantity Surveying.
* Perform analysis and design / planning for all types of buildings and management using various electrical equipment’s.
* Responsible for all work related activities of the power plant project at site handling planning, execution, monitor & control electrical work for the BOP (Power House), supervise, check execution & material.

## **Project Clients: MPEB (Electricity Power House and Buildings)**

## **Role and Responsibility:**

## Responsible for Electrical Section of Utilities and Plant as: -

* QA/QC documentation and review Contractor construction electrical procedures.
* Supervise and Monitor Installation of Cable, Cable tray, Lighting, Distribution control panel, all electrical equipment and Grounding system, etc.
* Perform routine inspection and document result in accordance with approved CPI procedures.
* Witness and verify Continuity, Merger, HI-POT and Component testing for Medium Voltage & Low Voltage equipment.
* Monitor Quality control on construction progress activities.
* Responsible from equipment installation and continue energizing of electrical equipment to pre-commissioning and commissioning.
* Issued punch listing for outstanding works.
* Review Tested documentation, witness and accept all required Testing for CPI (Client).
* Responsible for electrical inspections related to installations, testing, Commissioning etc.
* Prepare daily QA/QC report regarding inspections, material, Non conformances etc.

## **Technical Training**

* Certified training at BHEL -POWER SYSTEM & CONTROL SYSTEM.
* Certified training on Electrical Workshop on High Capacity/Voltage Transformer.
* For Construction Safety Conducted by National Safety Council of India.

## **PROFESSIONAL QUALIFICATIONS**

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| **Degree**  | **Stream** | **University/Institute** |
| Bachelor of Engineering (B.E) | Electrical & Electronics Engineering | Rajiv Gandhi Technical University, Bhopal (2010) |

## **PERSONAL INFORMATION**

Father’s Name : Mr. Iqbal Khan

Date of Birth : 20 July, 1988

Nationality : Indian

Languages Known : English, Hindi, Urdu & Arabic

Permanent Address : Bhopal (M.P),India

Passport No. : K6113098

Marital Status : Single