**WALIULLAH**

**INSTRUMENTATION QA/QC INSPECTOR**

** (Worked in India, Bangladesh, Qatar, Singapore, Kuwait & Algeria)**

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**Career Focus**

Seeking **Instrumentation QA/QC Inspector/Supervisor** assignments in the field of Construction **Instrumentation** in Oil and Gas Projects with an organization of high repute.

**Professional Abridgement**

* **Over 22 years** of rich & cross-cultural experience in Instrument Construction Inspection, supervision, Commissioning and troubleshooting, recently demobilized from **JGC corporation for HRM BOOSTING-3 PROJECT, HASSI RMEL, ALGERIA as INSTRUMENTATION QC SUPERVISOR.**
* Hands on experience in construction, Supervision, Inspection and commissioning activities at Oil and Gas Projects, Power Plants, Petrochemical Plants, Refineries, Gas Exporting Upstream Projects, Tank Farms, Sulphur Recovery Units & GTL Process.
* Adept in Quality construction projects and activities, including subcontractor activities, other skill sets include project control for schedule, cost and safety.
* An effective communicator with exceptional analytical, negotiation, relationship management and problem solving skills.
* Results-oriented leader with proven success and in-depth business knowledge of all phases of managing construction and Quality projects and activities.
* Deft in managing maintenance operations involving planning, in-process inspection, team building, and internal departmental coordination.

**Core Competencies**

* Ensure the implementation of Quality Management system and compliance to ISO 9001&2000, applicable codes, standards and specification.
* Review and approval of contractor **Inspection & Test Plans, Method of statement**, work Instruction and vendor quality submittals (Purchase order, Purchase requisitions etc).
* Planning and monitoring execution of various projects for construction and inspection, up-gradation and maintenance of the plant and equipment’s.
* Supervising and Inspection of projects with respect to Cost, Resource Deployment, Time over-runs and Quality Compliance; evaluating the project progress and the taking adequate / corrective actions.
* Coordinating with other contractors to smoothly finish the construction activities with quality.
* Inspecting / defining related materials per Scope of Work and drawings; solving engineering related problems and securing the approval/concurrence from concerned engineer before execution.
* Leading the loop checking teams; identifying the punch points to fix them ahead of walk through.
* Coordinating the subcontractor construction and Inspection activities with the operations to avoid any interference with the existing plant operations.
* Effectuating cost saving initiatives; achieving cost reduction through the value of as built updating, reduction in breakdown, rework and waste elimination.
* Analyzing existing processes / procedures; conducting critical analysis for finding out shortcomings and suggesting improvements measures.
* Checking P&I diagrams along with isometric drawings; ensuring adherence to ISO quality standards and documentation.

**Relationship Management**

* Interacting with clients, providing effective solutions and building healthy relations.
* Leading and motivating workforce; imparting continuous on job training for accomplishing greater operational effectiveness/ efficiency.
* Resolving interpersonal issues & working towards building a harmonious work environment.

**Profile**

* Highly experienced Quality Inspector with a diverse career span of over two decade in the areas of project management, calibration of field Instruments, predictive & preventive maintenance, site inspections and inspection of a variety of process control instruments & systems like
* DCS/PLC, Instrumented Protective Systems, Foundation Field Bus Instruments, Tank Gauging System, Single Loop Controllers, Burner Control Systems, Surge Control Systems, Control Valves, Magnetic Flow Meters, Mass Flow Meters, Valve Positioners, Level Troll, Electronic Transmitters, Gas & Fire Detectors, H2S Monitors, Conductivity Meters, Pneumatic Transmitters & Controllers, etc.
* Proven capabilities in implementing preventive, predictive and planned maintenance and calibration of instruments to maximize operational availably thereof
* Exhibits excellence in reviewing various engineering drawings & documents like ITP, QCP, Method Statements, P & ID, Logic Diagrams and Instrument Loop drawings, Hook-up drawings, schematic drawings, loop drawings and ladder logics, etc.
* A complete manager, adept in ensuring judicious utilization and allocation of available resources - materials, machines and manpower, to achieve organizational targets
* Thorough understanding of Health & Environmental Safety Methods, Industry Standards & Practices, and professionally competent in implementing safety norms across diverse industrial systems / processes

**Knowledge Domain**

International codes, Standards & Recommended practices

1. American Petroleum Institute **(API)**
2. British Standards **(BS)** & International Electro Technical commission **(IEC)**
3. National Electrical Manufacturers Association **( NEMA)**
4. International Organization for standardization **(ISO)**
5. Instrumentation, system and Automation **(ISA)** & American National standard Institute **(ANSI)**
6. Shell Design Engineering Practices **( DEP**)
7. Design General specification **( DGS)**
8. American society of Mechanical Engineer **(ASME)**

**Career Contour**

* **CURRENT PROJECT**
* **For JGC CORPORATION. July,2020 to Feb-2021**
* **Work from home** (WFH) as an Instrumentation QC Supervisor for **JGC Corporation (JGC)** for HRM BOOSTING-3 PROJECT, HASSI RMEL, ALGERIA
* .
* - Client : SONATRACH
* - Duration : From July 2020 to Feb-2021
* - Location : FOR HRM BOOSTING-3 PROJECT, HASSI RMEL, ALGERIA **(Work from Home)**
* **For JGC CORPORATION. June,2019 to june,2020**
* Worked as an Instrumentation QC Supervisor for **JGC Corporation (JGC)** at HRM BOOSTING-3 PROJECT, HASSI RMEL, ALGERIA
* .
* - Client : SONATRACH
* - Duration : From June 2019 to June 2020.
* - Location : HRM BOOSTING-3 PROJECT, HASSI RMEL, ALGERIA
* **For JGC Corporation. June,2017 to May,2019)**
* Worked as an Instrumentation QC Inspector for **JGC Corporation (JGC)** at Clean Fuel Project, KNPC , Kuwait
* .
* - Client : KNPC
* - Duration : From June 2017 to 30-April-2019.
* - Location : MAA Refinery, KNPC Kuwait.
* **For JGC Corporation. July,2015 to May 2017.**
* Working as an Instrumentation QC Inspector for **JGC Corporation (JGC)** at SRC MOGAS COGEN EPC project, SINGAPORE REFINARY COMPANY, JURONG ISLAND, SINGAPORE**.**
* .
* - Client : SINGAPORE REFINARY COMPANY
* - Duration : From July 2016 to May 2017
* - Location : JURONG ISLAND, SINGAPORE, SRC MOGAS CO-GEN EPC project.
* **For JGC Corporation Middle East FZE. July,2013 to June 2015.**
* Working as an Instrumentation QC Inspector for Ras Gas company Ltd., On- shore Barzan Project.
* - Client : Ras Gas Company Ltd.
* - Duration : From July 2013 to June 2015,
* - Location : Ras Laffan Industries city at Barzan on-shore Project

***DUTIES & RESPONSIBILITIES***

•Review plans and drawings in accordance with specifications, codes and standards. Familiar with the International industry codes and standards related to intrinsically safe systems and electrical systems for Instrumentation such as; NFPA 70/NEC, NEMA 250, NEMA VE 1, NEMA VE 2,NEMA ICS 6, UL94, IEC 60529,IEEE518, IEEE1100, ANSI MC 96.1, ISA RP12.6, ISA RP 12.2.02   
•Manages and trains instrumentation Inspector's teams and instrument activities.   
•Responsible for work schedule and organize manpower loading.   
•Ensure that company safety rules and quality procedures are fully respected.   
• Conduct activities and inspection in accordance to Project Quality Assurance Manual and Quality Control Inspection Plan.   
•Monitor daily discipline activities and verifies compliance to project procedures, specifications and standards. Identify quality problems, reject non-conforming items and initiate, recommend or provide solutions to the problems with customer sanction / approvals through designated channels.   
•As Per International Standards, Specifications, Instrument Calibration Method of Statement & As Per Approved Project Drawings Supervised, Inspected & Witnessed calibration work shop, DCS Cabinets frame inside RIB’S, Instrument Cable Duct Bank, Cable Pulling from RIB to J.B & Control Room and RGS conduit, Stanchion of instrument devices, Marshalling Panel, Junction Boxes installation, Mounting of instrument devices   
•Plan, schedule and coordinate and provide work directions to contracted inspectors.   
•Review and comment on Project Specification and industry standards.   
•Review and comment on quality control program developed by construction contractors.   
•write inspection report, Non-Compliance Reports, etc.   
•Review inspection waiver request.   
•Carried out daily job activities after receiving RFI (Request for inspection) from contractor. 

* **For Jasubhai Engineering Pvt. Ltd**
* Position : lead Instrumentation Inspector (QA/QC)
* Project : Refinery & Styrene Butadiene Rubber (SBR) Plant
* Owner : Reliance Industries Ltd.
* PMC : Reliance industries Ltd.
* Place : Hazira , Gujarat, India
* Period : Feb2013 till June 2013.

***DUTIES & RESPONSIBILITIES***

•Review plans and drawings in accordance with specifications, codes and standards. Conduct activities and inspection in accordance to Project Quality Assurance Manual and Quality Control Inspection Plan. Monitor daily discipline activities and verifies compliance to project procedures, specifications and standards. Identify quality problems, reject non-conforming items and initiate, recommend or provide solutions to the problems with customer sanction / approvals through designated channels. Control further processing of non-conforming items, deficiencies or unsatisfactory conditions until rectification and any remedial action is approved. Conduct random surveillance on operator's qualifications, tools and equipment, working practices as well as storage and preservations. Prepare daily inspection documents and final acceptance documents prior to project completion. Maintain close working relationship with the construction personnel.

•As Per International & Reliance Standards, Specifications, Instrument Calibration Method of Statement & As Per Approved Project Drawings Supervised, Inspected & Witnessed Instrument Cable Duct Bank, Cable Pulling from RIB to J.B & Control Room and RGS conduit, Stanchion of instrument devices, Marshalling Panel, Junction Boxes installation, Mounting of instrument devices such as pressure, level, temperature transmitter, RTD and thermocouple, pressure, Level, Flow and temperature switch & Control valves . Calibration of Transmitters, Control valves, Switches of all Parameters Like pressure, Level, temperature, Flow

•Involved in FAT (Factory acceptance test) & SAT (Site acceptance test) Activities

•Inspection & Witness of cable megger & continuity test before Terminating Cable & then Cable Termination Check to verify exact termination point of each cable core as per Approved wiring Drawing, Core Marker & tightness of cable

•Anything not as per Standards or Specification then Making Surveillance or Non Conformance Reports

•Carried out daily job activities after receiving RFI (Request for inspection) from contractor

•Work for loop checking, Interlock check, P & ID, ILD, Data Sheet

•Prepared Punch list for the activities carried out by construction group

•Work on Pre & Final turnover punching System

•Inspection of Instrument Calibration Shop, Test equipment as per Reliance Standard -------------------------------------------------------------------------------------------------------------------------

**For Competent Instrumentations Pvt. Ltd**.

* Position : lead Instrumentation Inspector (QA/QC)
* Period : Feb-2011 to jan-2013
* Details of projects.
* Project : OPaL DFCU & AU (RIB-001)
* Owner : ONGC petro addition Ltd Dahej
* Contractor : Samsung Engineering I Ltd.

PMC : Engineers India Ltd.

Location : Dahej, Bharuch, Gujarat, India

**Duties & Responsibilities:**  
  
•Supervise field construction project related to instrumentation. Responsible for the preparation of instrument, take off material and drawing needed in the project. Installation of cable tray, conduit, Impulse Tubing and Instrument air line. Responsible for Installation & calibration of instrument, loop-checking, megger and continuity testing of cable. Supervise termination of primary/secondary cable and PLC panel and junction box.   
•Perform variety of complex inspection function within assigned inspection discipline in addition to providing day to day work directions as required for the inspection of new or existing facilities to check work performed conforms with engineering specifications and/or International standards and monitor the implementation of project Quality Control Program with minimal supervision.

* Organization : Competent Instrumentations.
* Position : QA/QC Lead Inspector (Instrumentation)
* Period : Jan 2005 To Jan 2011.

**DETAILS OF PROJECTS**

* Project : C2-C3 TLF Project.
* Owner : ONGC.
* Contractor : Toyo Engineering I Ltd.
* PMC : Engineers India Ltd.
* Location : Dahej, Bharuch, Gujarat, India
* Project : Sulphur recovery unit (SRU) Project.
* Owner : Gujarat Refinery, IOCL Baroda.
* Contractor : L&T ECC division
* PMC : Toyo Engineering I Ltd.
* Place : Baroda, Gujarat, India
* Project : PLDE Project.
* Owner : Petronet LNG .
* Contractor : Toyo Engineering I Ltd.
* PMC : Engineers India Ltd.

Place : Dahej, Bharuch, Gujarat, India

* Project : CA/CMS Plant
* Owner :Gujarat Floura Chemicals Ltd
* Contractor : Competent Instrumentations.
  + PMC : AKPG/KSJ.
  + Place : Dahej, Bharuch, Gujarat, India
* Project : TFE/PTFE/PTPTFE Plant
* Owner :Gujarat Floura Chemicals Ltd
* Contractor : Competent Instrumentations.
* PMC : AKPG.
* Place : Dahej, Bharuch, Gujarat, India
* Project : Stack Analyser system
* Owner : Gujarat refinery IOCL Baroda.
* Contractor : Chemtrols.
* PMC : Engineers India Ltd.
* Place : Baroda, Gujarat, India
* Project : Up gradation of oxy Monitoring System
* Owner : IPCL Baroda.
* Contractor : Competent Instrumentations.
* PMC : IPCL Baroda.
* Place : Baroda, Gujarat, India

***DUTIES & RESPONSIBILITIES***

•Witnessed Calibration of instrument like pressure, level, temperature, pressure switches/transmitters, control valves I/P converters, limit switch solenoid valves.

•Inspection of cable tray installation and conduit, Fabricated support of instrument devices and electrical equipment’s alignment of panel, marshalling box, mounting of instrument devices such as pressure, level, temperature transmitter, RTD and thermocouple pressure switch and temperature switch. Cable pulling from control room to J.B then from J.B to Field Instruments.

•Supervise termination of instrument Cable in junction box, marshalling panel

•Impulse line test pressure

•Assist in plant commissioning works, loop checking, Interlock check, P & ID, ILD, and punch list works

•Preparation of Loop folders

•Modification jobs

* **Organization : A-Z Instruments service**.
* Position : QC Inspector ( Instrumentation )
* Period : Dec 2000 to Dec 2004
* ***Project : Lafarge Surma Cement Ltd.***
* ***Owner : Lafarge Surma Cement Ltd.***
* ***Contractor : L&T ECC Division.***
* ***PMC : Lafarge Surma Cement Ltd.***
* ***Place : Chhatak, Sunomganj, Bangladesh.***
* 2.Project : CLZS , EPC-4
* Owner : Hindustan Zinc Ltd.
* Contractor : L&T ECC Division.
* PMC :HZL
* Place : Chittorgarh , Rajasthan, India

***Duties & Responsibilities***:

•As Per International Standards, Project Specifications, Instrument Calibration Method of Statement & As Per Approved Project Drawings Supervised, Inspected & Witnessed Instrument Cable Duct Bank, Cable Pulling from RIB to J.B & Control Room and RGS conduit, Stanchion of instrument devices, Marshalling Panel, Junction Boxes installation, Mounting of instrument devices such as pressure, level, temperature transmitter, RTD and thermocouple, pressure, Level, Flow and temperature switch & Control valves . Calibration of Transmitters, Control valves, Switches of all Parameters Like pressure, Level, temperature ,Flow.

•Inspect all phases of the splicing and testing of cable systems

•Review cable and ground measurement test data for the basis of acceptance

•Review cable and ground measurement test data for the basis of acceptance

•Review complex drawings to determine if the design is within the scope, applicable codes and standards

•Plan, schedule and coordinate and provide work directions to contracted inspectors.

•Review and comment on Project Specification and industry standards.

•Review and comment on quality control program developed by construction contractors.

•write inspection report, Non-Compliance Reports, etc.

•Review inspection waiver request.

Organization : Sharma Fabricator & Erector Pvt. Ltd.

Position : Site Engineer

Period : Dec 1998 to Dec 1999.

* Project : Reactor & Regenerator Project.
* Owner :Reliance Industries Ltd.
* Contractor : L&T ECC Division.
  + PMC :RIL
  + Place : Jamnagar, Gujarat, india
  + **Organization : Philips Engineering works**.
  + Position : Instrument Supervisor
  + Period : June 1997 to Nov 1998.
  + Project : Poly propylene Project.
  + Owner :Reliance Industries Ltd.
  + Contractor : Bells Controls Ltd.
  + PMC : Reliance Industries Ltd
  + Place : Jamnagar, Gujarat, india

***Major Highlights:***

* Witnessed for bench and field calibration of Instruments, Installation, loop checking & functional Testing of Pressure, flow, temperature, level Instruments, Analysers, control/On-Off valves, safety relief valve, fire and Gas Instruments, speed/ vibration sensors etc.
* Inspection for Installation and leak Testing of Instrument air signal tube and Impulse tubing.
* Inspections for cable trench, cable trays, cable laying, segregation, sealing, termination & grounding etc.
* Insulation Resistance test, continuity test of Power and signal cable & OTDR (optical time domain reflectometer), power test of OFC cable.
* Inspection for Installations of Marshalling cabinets, system cabinets, UPS , Junction boxes, local control panels, MOV panels, lighting panels etc.
* Installation, Calibration, Inspection of On-line analyzers like Gas chromatograph, CEMS, Opacity, O2 analyzer , Moisture analyzer , pH analyzer , conductivity analyzer, RVP analyzer and Auto sampler for LNG loading etc.
* Witness Electrical Test such as Meggering/Insulation Test and **High Pot Test** for 64KV, 35KV,15KV13.8KV&4.16KV High ,Medium and Low Voltage, Switchgear ,Bus duct, Power cables, Transformers and Motors.
* Transformers, Motors, Switchgears, MCC’s, and Lighting & Power Panels function Test.
* Inspection and check of Electrical Installation Underground and above ground for Substation Building with comparing of projects approved design.
* Conduct Inspection for the installation of lighting Fixture, sockets, Exhaust fan, Bleed fan, Electric steam Humidifier, Motorized control dampers and actuators.
* Conduct inspection for CCTV & F&G systems.
* Conduct Inspections for earthing cable laying and testing, cad weld of PEC cable etc.
* Issued Non conformance report (**NCR**) / Site Discrepancy Report (**SDR**) for non compliance activities against the approved quality procedure, Inspection Test plans, and closed out on satisfactory corrective/ preventive action.
* Execution of project according to the design, general engineering specifications and project quality procedures.
* Manpower planning with sub contractors and ensure that manpower available at site is in accordance to the Contractor approved manpower histogram.
* Interpretation of construction Drawings, Scope of Works, established standards and specifications applicable to the project.
* Calculate / prepare bulk material take-off for any drawing for estimation / procurement activity.
* Take part in review of Department Procedures, Safety and Health Procedures and Engineering Specification.
* Review and preparation of daily, weekly and Monthly progress Reports.
* Follow up and supervision and inspection of package contractor field construction work to ensure conformity with Project requirements.
* Preparation of As-Built Drawings
* Attending Department and Project meetings and write Minutes of Meeting where necessary.
* Loop checking, function checking, commissioning and start up of Mark V turbine instruments.
* Worked with the BMS of Honeywell PLC, Yokogawa Centum XL DCS system and GE Mark V control system.
* Coordinated with other contractors before installation/finalizing the locations of the field instruments.
* Worked with the Honeywell TDC 3000 DCS system during loop checking, function checking and commissioning.
* Participated actively during loop checking and commissioning
* Calibration/adjustment of diverter dampers, turbine instruments and interlock checking.

**Academia**

* ***Higher Diploma in Electrical Instrumentation Engineering (3 years) from Aligarh Muslim University (AMU) , India in 1997.***

**IT Skills:**

Lotus, Microsoft Office, PowerPoint access, Microsoft office Visio, Monitor of ICAPS, Monitor of TOMAS, AutoCAD, 3D Model Review (PDMS),CMS Etc.

**Personal Profile**

Date of Birth : 17-08-1978

Languages Known : English, Hindi & Urdu

Permanent Address: Village: Mahui Nauka Tola, PO: Mahui, Via: Harinagar, Distt: West Champaran, Bihar, India, PIN Code :845106

Driving Licence No : BR-2220150070817

Place of Issue : DTO, Bettiah, Bihar, India Validity : 16 Aug 2028

Contact No. : +91-8800678870

Nationality : Indian

Marital Status : Married

**Passport Details**

* Passport No. :L2399989
* Place of issue : Patna
* Date of issue : 25 June 2013
* Date of Expiry : 24 June 2023

WALIULLAH

DATE: 25-Oct-2021