



VISHNUKUMAR

QA QC Engineer

UAE, Sharjah | Ph:0529811795 | vishnukumarks.kumar@gmail.com |
www.linkedin.com/in/vishnukumar-ks

Results oriented and highly motivated QA QC engineer having 10 years of experience in Oil & Gas industry, Rig Refurbishment, BOP Control system, Drilling & Hoisting & Well control equipment, Drilling structure and High pressure piping, construction of Fuel Storage Tank (Tank Farm) as per API-650, Major maintenance of power plants, Fabrication of pressure vessel, Under Ground Fuel/water Transfer Piping, potable water pipe lines, Heavy Offshore Steel Structure, GRE piping. Management representative for API Q1 and ISO standard implementation, ASME U, S and R stamp certification, Technical in charge for vessel/Rig class certification and surveys.

SKILLS AND ACCOMPLISHMENTS

- CSWIP 3.1 (TWI certified welding inspector level 2)
- IRCA LEAD AUDITOR-ISO 9001:2015, Internal auditor ISO 45001, ISO 14001
- ASNT NDT LEVEL II ENGINEER I ULTRASONIC TESTING, RADIOGRAPHIC TESTING, MAGNETIC PARTICLE TESTING, LIQUID PENETRANT TESTING
- Diploma in piping design and drafting (ASME B31.3)
- API-Q1 Internal Auditor
- BOSIET TRAINED I Knowledge in construction safety I
- COMPUTER SKILLS I SAPI Primavera (P6) I Auto cad I Auto desk Inventor I MS OFFICE I
- Best employee award from management
- Good communication skill I Project management skills I Expert in welding technology I Multi-disciplinary exposure I Strong inter personnel skill I Strong initiative I Advanced computer skills

CAREER HISTORY

LEAD QA QC ENGINEER OCEAN OILFIELD, Sharjah	(06/2018) – Present
QA QC ENGINEER OCEAN OILFIELD, Sharjah	(06/2015) – (06/2018)
QA QC INSPECTOR OCEAN OILFIELD, Sharjah	(08/2012) – (06/2015)

DOMAIN SKILLS AND EXPERIENCE

LEAD QA QC ENGINEER

- Assist company in developing an industry leading QA/QC vision and strategy
- Provide weekly QA/QC program updates to company management team
- Lead, Manage and mentor the subcontractor's Quality team members
- Hold project teams accountable for quality control program requirements. Thoroughly conduct inspection and repairs of Rig Equipment's - BOP Control system, Drilling & Hoisting & Well control equipment, Drilling structure and High pressure piping in compliance to API, ASME, ANSI, AWS Applicable Specification and International Standards.
- Manage and Track Quality metrics, Managing inspection, NDE, and testing plans for new Construction, repair work, and alterations.
- Provide code compliance knowledge and enforcement for both company and Subcontractor

- Assist in review and development of project specifications for code compliance and constructability within industry standards
- Assist and provide leadership in the development of robust QA/QC processes and standards to enable company's successful project completion
- Provide training of personnel to ensure awareness of quality procedures and specific responsibilities in the QA/QC process, including the interface and response to audits such as those conducted by the company or third parties
- Develop, implement ,manage and conduct internal audits and subcontractor Quality audit
- Manage Subcontractor's QA/QC program to ensure it meets company's contract requirements and all local/federal codes
- Ensure that all personnel (company and Subcontractors) working on the project understands the code and specification requirements
- Perform onsite field observation of installed work (e.g. fabrication, erection, Welding, Final inspection, Mechanical inspections, Commissioning and testing.
- Recommend and implement corrective action based on policies, guidelines, and procedures
- Record observations from job site inspections and complete inspection reports
- Monitor and control QC Inspector's on Initial, In-process & Final inspection, Parts inward inspection, Dimensional measurements, Hardness checks, Visual examinations etc. Hand on experience in measuring instruments like ID, OD & Depth micrometers, Dial & Radius gauges and Calipers.
- Capable of evaluating and assessing relative product manufacturing data book records, Bill of Materials, Engineering Drawings, Material Test Reports, Weld Procedure Specifications, Weld Procedure Qualification Records, Coating & Paint Systems, Non-Destructive Examination, Hardness data etc.
- Other duties as assigned by Company Management such as Management representative for API Q1 and ISO standard implementation. ASME U, S and R stamp certification, Technical in charge for vessel/Rig class certification and surveys.

QA QC ENGINEER

- Provides company's Quality Systems support using the ISO 9001, API Q1 Standard as the basis for process development and optimization, procedure development, data collection and reporting, and Quality Systems training.
- Supports company's' Quality Systems establishment and the audit schedule, conducting Quality Systems audits and facilitating associated corrective actions.
- Performs independent audits in various areas (e.g. Engineering, Procurement, Fabrication, Construction, Operations, Maintenance, Project Management, Material Management, and support organizations). This includes the audit, survey or surveillance of supplier/vendor/contractor QA/QC programs to ensure compliance.
- Reviews documents, witnesses the performance of audited activities, prepares checklists and agendas for audit, performs audits and assessments of performance, conducts pre-and post-audit meetings/interviews, and prepares final audit reports in a timely manner.
- Responsible for QA/QC documents of the complete project including certificates, calibration, test results, inspection requests, non-compliance reports and site instruction/observations, permanent materials delivered and other important QA/QC documents.
- Preparing and Implementation of Project Quality Plan, Method statement, Quality Control Procedures and ITP's, WPS/PQR in coordination of QA/QC Lead engineer and maintain high standards of quality for all processes.
- Analyses findings/issues/non-conformances identified during audits to determine program quality and identify performance trends. Analysis includes all available oversight results, both internal and external, and trending data.

- Supports and promotes a uniform company's' Corrective Action/ Preventive Action and Non-conformance tracking program to assure a unified, global system to include tracking of NCR's, CAR's, Audit Findings, etc.
- Assures audited activities meet Parsons' quality program, and Client quality requirements.
- Promotes safety awareness including adhering to safety rules and requirements.
- Verifies that company's and customers' quality requirements are in compliance with quality standards and quality program requirements for products and services provided.
- Prepares Quality manuals, plans, and/or procedures.
- Reviews from a quality perspective (and approves if required) documents prepared by internal or external organizations such as quality manuals and procedures, technical deliverables, test plans and procedures, purchase orders, and subcontracts.
- Provides support to management for interface on quality activities with internal or external organizations (customers, suppliers, subcontractors, and others)

QA QC INSPECTOR

- Direct, Supervise and Participate in inspection activities to assure product quality.
- Follow quality planning for the project to assure compliance through proactive measure. Consults with the engineer concerning non -conforming products and respective corrective & prevention plan.
- Initiate and involve for evaluation for non-conforming products and processes when encountered.
- Involve in preparation of project specific procedure and plans and conduct periodic walkthrough.
- Appraise product quality in accordance with the Project Quality Plan, Inspection & Test Plan, and NDE plan and determine conformity and non-conformity. Ordinate with subcontractors for inspections.
- All inspection results need to be documented and if non conformity exists required documentation shall be raised to established corrective and preventive actions.
- Provide interpretation of applicable code specifications and customer requirements. Any deviation deemed necessary to be raised with engineer to address it through approved change management process such as TQ, Concession request, Waivers etc.
- Verify Quality Inspectors effectiveness of their ability, job knowledge, punctuality and generation of inspection report through periodic competency assessment
- Proactive approach in prevention of a non-conformance by interface with Field Engineers and customer representative on board in conjunction with lead engineer.
- Conduct internal and external audits as applicable to assess the effectiveness of Quality System outlined in Project Quality Plan and Inspection Test Plan
- Oversee the as-built certification as it is progressed through work approval packages and monitor progress/status of the Mechanical completion.
- Coordinate with client and manufacturer for test preparation
- Review of WPS for use welder qualification test
- Ensuring the correct materials and consumables are being used for a weld
- Monitoring of welding of test coupon
- Visual inspection of completed welds
- Review of Non-destructive tests procedures and qualification records of technicians
- Monitoring of NDT on the welded coupon
- Review & endorsement of NDT film & report
- Endorsement of Welder Qualification Report
- Maintaining record of welder qualification
- Issuance of daily activity report and updating client about the job progress
- Attend client meeting as and when required

- Witness & Certification of welder qualification tests as per ASME / AWS D1.1 Requirement including 6GR requirements.

EDUCATION

MBA I PROJECT MANAGEMENT I BHARATHIAR UNIVERSITY I	Year (2012- 2014)
B TECH I MECHANICAL ENGINEERING I VAST I CALICUT UNIVERSITY I	Year (2009- 2012)
DIPLOMA I MECHANICAL ENGINEERING I THIAGARAJAR POLYTECHNIC I	Year (2006- 2009)
THSLC I THS KODUNGALLUR I TECHNICAL BOARD KERALA I	Year (2006)

MAJOR PROJECTS

- Refurbishment and class certification of jack up Rigs of various clients (Noble,Paragon,Valaris,Ocean oilfield drilling).
- All Rig Specialized Equipment / Structure / Piping Inspection and Certification
Scope: All major equipment and structures – Draw works, Mud Pumps , Crown Block, Hoisting & Rotary Equipment, Mast& Substructure, BOP Control Unit (NOV, SARA, KOOME, HYDRIL), Hydraulic valves and Engines etc. Inspection, NDT, Dimension clearance checks, Reporting, FAT Witness in accordance with API Recommended practices 4G/4F, 7L/7k, 8B/8C, 9B, 16D, 6A, 16c, 5CT.
- Jack Up Offshore Rig Refurbishment

Scope: Steel Renewal, Pipe Renewal, Refurbishment of Accommodation module, all machinery equipment, Legs, Cantilever system, Jacking system, Fixation system as per ABS/DNV Classification. Derrick/Mast, Drilling equipment, Well control equipment's, choke and kill manifolds, BOP's, (KOOMEY) BOP Control systems Certifications.
- Construction of fuel Storage Terminals (SHARAFCO,RELIANCE,SHARLU,SEWGA)
- Underground pipeline project for fuel transmission from jetty to storage terminal.
- Fabrication and erection of 20 Kilometre Potable water pipe line from Khorfakhan to shees village including 3 pumping stations (SEWGA).
- Fabrication and erection of 20km Potable water pipe line from Hamda to Badaiya (SEWGA)
- GRE Piping works associated with potable water storage tanks
- Fabrication of pressure vessels (SEWGA)
- Painting works for potable water application and fuel oil applications
- Concrete coating application for water proofing.
- Acid and chemical resistant coating application.
- Marine coating application for offshore structures and vessels.
- Major Maintenance and refurbishment of Various Power Station of SEWGA.