

Seeking Assignments in Quality Assurance & Control

Professional Qualification/Trainings

- ✧ Bachelor of Engineering (Mechanical Engineering with first class), From Govt College of Engineering Kannur, Kerala.
- ✧ AWS – Senior Certified Welding Inspector (Certification Number : 15090068)
- ✧ ASNT Level II in
 - Magnetic Particle Inspection
 - Penetrant Testing
 - Ultrasonic Testing
 - Radiographic Testing
- ✧ API certified (API-653) Above Ground Storage Tank Inspector, Certification Number-54669.
- ✧ BGAS-CSWIP Painting Inspector ,Grade 2.(BG:0000721607)
- ✧ Completed a Certificate course on 'Piping Engineering', From IIT Mumbai

Career Overview

- ✧ Professional with almost 22 Years of experience in Fabrication, Inspection, for Oil & Gas, Onshore & Offshore industry, Rigs, Loading Tower, Turret, buoy, Power Plants & Refineries. Expertise includes regular inspection and shutdown, Fabrication, Welding, NDT, Material Testing, Painting/Coating, Static and Rotating equipment etc.
- ✧ Skilled at imparting training, motivation and skill development to ensure quality team to perform their duties while complying with standard procedures and regulatory requirements.
- ✧ Monitoring all activities related to quality during inspection and non-destructive testing during the process and final stage.
- ✧ Ensured compliance to various quality measures by maintenance of appropriate requisite systems and standards.

Core Competencies

- ✧ Ensuring adherence to the quality measures outlined; establishing quality standards.
- ✧ Defining quality policies, projects, regulations and management policies and maintaining the related documents for the same.
- ✧ Establishing quality standards, implementing stringent quality control systems to enhance quality of products and reduce rejection level through continuous up gradation of systems to observe better compliance in line with changing market/ customer requirement.

Equipment/commodities/specialties

Steel Structures	Welder Qualifications	Insulation
Procedure qualification	Cladded Pipes & Fittings	Static Equipment
Fire Fighting & Lifesaving Equipment	Off Shore Equipment	Pressure vessel
Marine inspections	Heat Exchangers	Valves & Forgings (all types)
Plant Inspections (Shut Down & New)	Pickling & Passivation	Storage Tanks
Rig Construction	Rotating equipment	Piping Inspection
Offshore Platforms	Painting & Coating	Accommodation modules
Columns & Offshore Jacket Piles	Cross Country Pipe Lines	Skids

Work Experience

From: Dec 2019– Till date, Working with Third party inspection agencies as Sr. Quality /Inspection Engineer

Job Roles & Responsibility

Representing Third Party Agencies to carry out inspection for various items and equipment.

Activities included as a minimum

- ✧ MTC Verification Inspection & Testing of various Materials like structural items, forging, Pipes, Plates, Valves & Fittings.
- ✧ Inspections of structural assemblies, including marking, Set Up, Weld Visual, NDT and Final Dimensional Inspection as per the drawings.
- ✧ Valves (All type of valves including Control Valves) stage-wise and final inspection
- ✧ Welding & Dimensional Inspection
- ✧ Coating/Painting Inspection.
- ✧ Witness / Review of NDT Activities & Reports.
- ✧ Welder & Procedure Qualification
- ✧ Mechanical Test witness.
- ✧ Witnessing of Hydro/Pneumatic/Leak test.

From: Dec 2014 – Dec 2019, With Air Swift worldwide resources and Brunel Energy (Deputed to Bluewater Energy Services BV)

Job Roles & Responsibilities:

Worked with Bluewater as QA/QC Engineer (As Client Inspection Engineer), for the following projects.

Worked as Client Inspector for **ARCTIC LOADING TOWER at IMCC GSME/IMAC yard Abu Dhabi** carrying out all Inspection activities for fabrication & construction of loading tower substructure, buoyancy tanks and rotating head. Covering all activities, review of drawings, dimension checks, all documents related to Inspection etc.

Assignment continued for **KAOMBO PROJECT, TOTAL E&P ANGOLA BLOCK 32**. Fabrication & Construction of 2Nos. Lower Turrets & Main bearing support at IMCC CIC yard Abu Dhabi.

Assignment continued for carrying out all Inspection activities for fabrication & construction of **CALM BUOY for Petrofac (SARB Field development project package 3 EPC work)** Covering all activities, review of drawings, dimension checks, stage-wise inspections at each level, and all documents related to Inspection etc.

Assignment continued for carrying out all Inspection activities for fabrication & construction of **CALM BUOY for Lancaster Development Project, fabricated at Dubai dry dock**. Covering all activities, review of drawings, material receiving inspection, welding procedures and welders qualification, dimension checks, stage-wise inspections at each level, all documents related to Inspection, NDT of all the activities, Testing inspection, painting inspection etc.

Assignment continued for carrying out all Inspection activities for fabrication & construction of **CALM BUOY for Kuwait oil company**. Built at **HEISCO shipyard Kuwait**.

Activities Includes as minimum,

- ✧ Review of Quality Control Procedures, Inspection Test Plans, Method Statements
- ✧ Surveillance and inspection of fabrication activities.
- ✧ Material inspection and review of documents.
- ✧ Inspections of structural assemblies, pipe spools etc. It includes marking, Set Up, Weld Visual, NDT and Final Dimensional Inspection as per the drawings.
- ✧ MTC Verification Inspection & Testing of various Materials like, structural, forging, Pipes, Plates, Valves, Fittings & Equipments.
- ✧ Equipment verification and acceptance.
- ✧ Witnessing of Hydro/Pneumatic/Leak test.
- ✧ Witness / Review of NDT Activities & Reports.
- ✧ Commissioning Activities
- ✧ Final Documentation work

From April 2013– Dec-2014 With TÜV SÜD Middle East (UAE) , LLC as Senior Inspection Engineer.

Job Roles & Responsibilities:

Representative for TÜV SÜD Middle East, LLC as an independent verification authority to carry out inspection service within the industry services division.

Activities Includes as minimum,

- ✧ Represented **RTA of Dubai** for their Tram project in Dubai, from the basic fabrication of all structural inspection, includes initial review of documents, approval, all fabrication inspection of structures at various contractors, final installation inspection and snag list verification.
- ✧ MTC Verification Inspection & Testing of various Materials like, structural, forging, Pipes, Plates, Valves, Fittings & Equipments.
- ✧ Preparation and reviewing of Welding Procedure specifications and PQRs documents under different Construction and Welding Codes requirements and project specifications.
- ✧ Procedure review, approval and time bounded Inspection of all structures, equipment and welding. Installation and Final alignment of the rotating and static equipment during shutdown time.
- ✧ Installation inspection of Heat exchangers and column internals.
- ✧ Inspection during, refurbishment of rings and offshore structures.
- ✧ Installation and Final alignment of the rotating and static equipment during shutdown time.
- ✧ Installation inspection of Heat exchangers and column internals.
- ✧ Inspection during, refurbishment of rings and offshore structures.
- ✧ Stage wise Inspection of U stamped pressure vessels and "P" tanks.
- ✧ Certification of different equipments like compressors, diesel generators and pressure tanks.
- ✧ Inspections of structural assemblies, pipe spools, heaters etc. It includes marking, Set Up, Weld Visual, NDT and Final Dimensional Inspection as per the drawings.
- ✧ Witnessing of Mechanical & Chemical Testing.
- ✧ Witnessing of Hydro/Pneumatic/Leak test.
- ✧ Insulation inspection of different types of equipment and accommodation modules.

From April'12 – April 13 with Energy Engineering (UAE) as Senior Inspection Engineer

Job Roles & Responsibilities:

Represented as a client third-party Inspections, regular vendor inspections & expedition for various clients

Activities Include as a minimum,

- ✧ Review of Quality & Inspection plans submitted by Contractors as per Client requirement including release and acceptance certificates of completed works.
- ✧ Procedure review and approval.
- ✧ Time bounded Inspection of all structures, equipment and welding during the shutdown time.
- ✧ Witnessing of Mechanical & Chemical Testing.
- ✧ Witnessing of Hydro/Pneumatic/Leak test.
- ✧ Material Inspection.
- ✧ Installation and Final alignment of the rotating and static equipment during the shutdown time.
- ✧ Installation inspection of Heat exchangers and column internals.
- ✧ Inspection during, refurbishment of rings and offshore structures.
- ✧ Leak testing of heat exchangers and pipelines during the shutdown time.
- ✧ Structural fabrication inspection.
- ✧ Insulation inspection of columns and heat exchangers.
- ✧ Installation inspection of vessels and columns.
- ✧ Erection of piping system as per approved isometric, plan and P&IDs.
- ✧ Welding & Dimensional Inspection
- ✧ Coating/Painting Inspection
- ✧ Equipment verification and acceptance.
- ✧ Welder & Procedure Qualification
- ✧ Mechanical Test witness.

March 2007 –March 2012 with Lamprell Energy ltd (UAE) as Inspection Engineer, and as QC coordinator.

MAJOR PROJECTS HANDLED:

Completed fabrication inspection of pressure vessels, for following projects.

- ✧ Abu Dhabi gas development company, for Shaw gas development program: Client - Saipem
- ✧ South Yoloten gas development project: Client - Petrofac.
- ✧ Upgradation of drainage and OWS system: Client - Vopak Horizon Fujairah.
- ✧ Fabrication Cold vent drain drums: Client - Zadco, Abu Dhabi.

New build construction(Rigs)

- ✧ Hull 106, New Build Rig, (Construction of super M2 rig as per F&G design).
- ✧ Hull 108, New Build Rig, (Construction of super M2 rig as per F&G design).
- ✧ Hull 107, New Build Rig, (Construction of super M2 rig as per F&G design).
- ✧ Hull 104, New Build Rig, (Construction of super M2 rig as per F&G design).
- ✧ Hull 105, New Build Rig, (Construction of super M2 rig as per F&G design).
- ✧ Hull 109, New Build Rig, (Construction of super M2 rig as per F&G design).
- ✧ Hull 110, New Build Rig, (Construction of super M2 rig as per F&G design).

Refurbishment of following Rigs

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|--------------------|--|---|
| ✧ Ensco-54. | ✧ Key Hawaii. | ✧ Arab drill-8. |
| ✧ Ensco-52 | ✧ Seadrill-Rig offshore resolute. | ✧ RIAP Project Rig Al Bzoom (NDC). |
- ✧ Review of vendors and sub-contractors WPS/PQR/WPQ, NDE Procedure's, Hydro test & Pneumatic procedures, prior to submitting for client approval.
 - ✧ Managing and co-coordinating with a team of QC Engineers for various day to day inspections.
 - ✧ Coordinating with client, third party and surveyors for inspections.
 - ✧ Preparation of, ITP, NDE plan, different procedures for the entire project.
 - ✧ To conduct Pre-Inspection meetings at vendor's shop prior to fabrication.
 - ✧ To perform stage wise Inspection of U stamped pressure vessels and "P" tanks.
 - ✧ Fabrication and Erection inspection of piles, conductors and jackets.
 - ✧ Stage wise inspection of accommodation module.
 - ✧ Attend regular project meeting with client and project team.
 - ✧ Overseeing complete structural inspection of New Build Drilling Rigs (Super M2 Jack up drilling rig) as per ABS MODU Rules / AWS D1.1.
 - ✧ Structural inspection for the refurbishment of rigs.
 - ✧ Inspection of day to day Fabrication, Welding, Erection Activities on Various Rig Systems such as hull construction, Cantilever and Pipe Rack, Substructure, Drill Floor and accommodation Module Outfitting to Class requirements, Helideck construction, Shale Shakers, leg fabrication etc., and raising punch lists for incomplete works.
 - ✧ Marking, Cutting, Fit-up, welding inspection and visual inspection of Hull panels, sub-assemblies and block assemblies as per scantling drawing.
 - ✧ Witness of NDT's like UT, PAUT, PT and MT. Review of RT films.
 - ✧ Dimensional Inspection of all Critical Structures.
 - ✧ Review of ITP's / Project Specifications / Procedures like WPS, Hydro test, Pneumatic Test, in process Inspections, etc. Independently dealing with surveyors of American bureau of Shipping (ABS) & Clients from Mosvold Drilling, KS Energy, Nobel Denton, and SeaWolf etc.

Nov 2006 –March 2007 with Deutsche Babcock Borsing Power service,UAE as QC engineer.

Project Desalination plant shutdown project at Sharjah SEWA site.

Task Involved:

- ✧ Inspection during different stages of pipe and structural fabrication and installation.
- ✧ Inspection includes stage wise inspection like fit up, weld visual, NDT examination, final dimension etc.
- ✧ Co-ordination of inspection & monitoring progress of inspection activities.
- ✧ Approval of WPS, PQR and Welder qualification.
- ✧ Leak testing of pipe lines and equipment.
- ✧ Final inspection of the plant and related rotary and static equipment.
- ✧ Insulation inspection of pipe lines.
- ✧ Stage wise fabrication inspection of each item during and before the shutdown.
- ✧ Commissioning of the plant and equipment.

Sept 2004 –Nov 2006 with industrial inspection services as QA/QC inspection engineer (for Indian Navy)

Project : Vizag Vessel Project at Ship Building Center, Visakhapatnam

Task Involved:

- ✧ Reviewing of test plans and weld plans, Approval of procedure for set-up, Final dimensions as per required standards.
- ✧ Approval of measurement plans for various stages of inspections.
- ✧ Receipt Inspection of Raw Materials as per standards and specifications.
- ✧ NDT inspections as per Test Plan
- ✧ Witnessing Hydro test, Pneumatic and helium detection test etc.

June2003 –Aug 2004 with Petron engineering construction LTD as QA/QC inspection engineer.

Project: Expansion of IOCL Refinery, Baroda. & shutdown project at BPCL refinery Mumbai.

Task Involved:

- ✧ Receipt inspection and issue inspection of pipes, rods, plates etc.
- ✧ During shutdown corrosion inspection of specified pipe lines.
- ✧ Thickness survey for pipe line during shutdown and propose for replacement as client representative.
- ✧ Survey of pipe support and provide adequate support according to modification.
- ✧ Inspections of structural assemblies, pipe spools, heaters etc. It includes marking, Set Up, Weld Visual, NDT and Final Dimensional Inspection as per the drawings and standards.
- ✧ NDT inspections as per NDT Plan
- ✧ Qualifying of welders for different materials/ thickness.
- ✧ Conducting hydro test and leak test.
- ✧ Co-ordination with Third Party Inspectors.
- ✧ Preparation of Quality Assurance Plans & Measurement Plans as per the applicable standards, drawings & specifications.
- ✧ Associated with QA/QC documentation work with Clients.

June 2002 –May 2003 with Gopinath engineering company pvt ltd as QA/QC engineer.

Project: Tarapur Nuclear Power Project (For National Thermal Power Corporation).

Task Involved:

- ✧ Inspection during laying of underground pipes
- ✧ Inspection stage involves Set Up, Weld Visual, NDT and Final Inspection
- ✧ Dimensional Inspection of fittings and supports
- ✧ Receipt Inspection of Raw Materials
- ✧ Co-ordination with Client and Third Party Inspectors

Apr 1999 –May 2002 with Deepak constructions as QC engineer.

Project: Expansion of Cochin refinery.

Task Involved:

- ✧ Inspection during maintenance of tanks, pipe spools
- ✧ Inspection of equipments and pipes during different stages of its installation
- ✧ Witnessing Hydro test.
- ✧ Coordinating with third party inspectors

Personal Details

- ✧ Date of Birth : 30-05-1977
- ✧ Marital Status : Married
- ✧ Nationality : Indian
- ✧ Passport No : W 1774576 Valid till 10th June 2032
- ✧ Languages Known : English, Hindi & Malayalam

✧ Email : subhashmohan77@gmail.com
✧ Mobile No : 0091-6282804823.