

# AMITABH DUBAL

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## » SENIOR LEADERSHIP CANDIDATE «

**Targeting: Senior Engineer (QA/QC) | Quality Manager (QA/QC) | Senior Engineer (Inspection & Expediting) Positions**

### ***Career spanning 23 years of domestic and international exposure***

**Profile Snapshot:** Accomplished, performance-oriented mechanical engineering professional with expertise in monitoring entire gamut of functions entailed in quality assurance and inspection of materials and equipments functions to be carried out for completion of projects as per technical specifications and with all key deliverables. In-depth knowledge of working dynamics of the oil and gas industry coupled with exposure to Middle East markets. Substantial management experience in establishment, operation and maintenance of quality management system in accordance with applicable international standard. **Track record of success in the inspection management for EPC projects such as oil & gas, power plants, petrochemicals, refinery, renewable resources & energy sectors. Appreciated across roles for ensuring completion of project within scheduled timelines with all key deliverables.**

### VALUE PROPOSITIONS

**EPC Project Inspections and Expediting | Materials and Equipment's Inspection | Third Stage wise and Final Party Inspections | QA/QC of Project Procurement Materials and Equipment | Root Cause Analysis/Troubleshooting| Welding Procedure Development and Qualifications | QA/QC Documentation | Procurements Planning and Control | Surveillance Inspection and Monitoring | Technical Offer Evaluation/Queries Resolution | Technical Bids Evaluation | Supplier Finalization for Procurement | Destructive/Non Destructive Testing | Welder Qualification and Tests Witnessing | Internal / External Audits Of Quality System Auditing According To ISO 9001:2000| Techno-Commercial Acumen**

**International Codes and Standards Knowledge: ASME, API, ASTM, AWS, ANSI, TEMA, NACE, ISO, BS, DIN.**

### CAREER CHRONOLOGY

#### **PETROFAC INTERNATIONAL LLC. SARJAH, UAE Senior Engineer-QA/QC, June 2009 onwards** **Projects Handled:**

- ↔ **Kashagan Development Experimental Program, Kazakhstan | Client: AGIP KCO**
- ↔ **EPIC for Gas Sweetening Facilities Project (GSF) at Mesaieed & Daukhan, Qatar | Client: Qatar Petroleum**
- ↔ **Upper Zakum 750 Islands Surface Facilities Project (EPC-2), Abu Dhabi | Client: ZADCO**
- ↔ **Fadhili Gas Plant Sulphur Recovery Facilities (SRU-3), KSA, | Client: SAUDI ARAMCO**
- ↔ **Clean Fuel Project (SRU), Thailand | Client: Thai Oil Company**

#### **Key Deliverables:**

- ✓ Leveraging effective communication skills to interact with clients on technical issues during initial phase of project/procurement. Also interacted for selection of 9COM during initial phase of procurement, for ARAMCO project. Conducted pre and post order audits at vendor shops for clients.
- ✓ Efficiently performed root cause analysis and troubleshooting for resolution of queries from clients.
- ✓ Tasked with functions of verification and review of MR, TBE & PR during procurement stage.
- ✓ Responsible for verifying quality and project requirement checklist confirmed by the supplier.
- ✓ Actively involved in the review and approval of QCP, ITP's, Procedure, Method Statements post order.
- ✓ Streamlining project progress by execution of supplier quality audits post order processing.
- ✓ Key role in the review of inspection reports and records of quality control as per approved ITP's. And P.O / PR requirements.

- ✓ Actively involved in evaluating if vendors personal are qualified related to the function performed like NDE & Welding. Reviewing and approving final documentation i.e. inspection disposition record / inspection record book (final dossier).
- ✓ Generating key periodic quality related reports for submission to Client and HOD.
- ✓ Preparation & submission of Weekly & Monthly quality related reports to Client and HOD. Resolving site queries from Client for procured material.
- ✓ Acted as the Inspection Coordinator and effectively interacted with client for mobilizing manpower for inspection.

#### **Highlight of the Role**

- ✓ Collaborated with vendor during bid stage and during order execution. Developed fabrication procedure with sequence of fabrication & testing such that there were no issues at site during fit-ups. Caused time saving to site team saved time during installation and fit-up due to additional stiffeners ensuring on time completion of project. **Appreciated by top management and received completion incentive for the project.**
- ✓ Collaborated with client, FBE consultant, engineering and vendor during bid stage and during order execution for FBE piping system in one of Petrofac projects where client had high concerns for large size piping systems. Developed design type testing, raw material testing and production testing matrix for the FBE piping system. Monitored sequences during fabrication and witness of testing & final inspection thoroughly. These additional testing and close monitoring measures created confidence in the client and eliminated their concerns. **Appreciated by top management for the project and became subject matter expert (SME) of FBE piping system for the department.**
- ✓ Developed raw material testing and production testing matrix for line pipes based on vendor audit concerns in one of Petrofac projects. Collaborated with project, engineering and vendor during bid stage and during order execution for line pipes welded where client had high concerns for large size piping systems. Monitored sequences during fabrication and witness of testing & final inspection thoroughly. These additional testing and close monitoring measures created confidence in the client for the vendor. **Appreciated by top management for the project and became subject matter expert (SME) of line pipes for the department.**

#### **INDIAN REGISTER OF SHIPPING, INDIA | Sr. Principal Surveyor January 2009-June 2009**

##### **Highlights of the Role:**

- ✓ Effectively carried out third party inspection for various clients' stage wise.
- ✓ Executed final inspection for plant equipment's such as heat exchanger and pressure vessels involving fabrication, final testing and certification on bases of submitted inspection documents as per project specification, approved QAP, and approved drawing and relevant international standards and codes.
- ✓ Instrumental in stage wise or final inspection of HDPE & MDPE Line pipe, valves, forgings, pipes, tubes, flanges, structural and other industrial components as per approved QAP, relevant project specifications, codes and standards.

#### **TATA PROJECTS LTD., INDIA | Surveyor, Aug 2006 - Dec 2008**

##### **Highlights of the Role**

- ✓ Significantly contributed to third party inspections for various clients carried out either stage wise or final inspection for Plant Equipment's such as Heat Exchanger and Pressure Vessels.
- ✓ Instrumental in Fabrication, Final Testing and Certification on bases of submitted Inspection documents as per Project Specification, Approved QAP, Approved Drawing and relevant International Standards and Codes.
- ✓ Executed quality surveillance job of inspection & site coordination for air cooled heat exchangers at an offshore site for AKCO project in Kazakhstan for client Petrofac International Ltd.
- ✓ Performed quality surveillance, inspection & expediting for Pressure Vessels & Column for client Petrofac International Ltd. of B.G Hasdurbal Project at a vendor in Turkey named Cimtas.

#### **CHEMPRO INSPECTIONS PRIVATE LIMITED, INDIA | Inspection Engineer, Nov 2004-Aug 2006**

##### **Highlights of the Role**

- ✓ Successfully performed stage wise or final third-party inspection for Plant Equipments such as Heat Exchanger, Pressure Vessels, Reactors, Autoclaves, Cladded Vessels, Spheres, Low Temperature Service Vessels, Sour Service Vessels and Columns.

- ✓ Executed Fabrication, Final Testing and Certification on bases of submitted inspection as per Project Specification, Approved QAP, Approved Drawing and relevant International Standards and Codes.
- ✓ Scrupulously deployed stage wise or final inspection of API 5L Line Pipes, Coating of API 5L Line Pipes and Plant Pipeline, Valves, Forgings, Pipes and Tubes, Flanges, Anode and other industrial components as per Approved QAP, relevant Project Specification, Codes and Standards

### EARLY CAREER

- ✦ **India Tube Mills and Metals Industries Limited, India| Engineer (QA/QC) | Aug 2003-Oct 2004**
- ✦ **Welspun Gujarat Sthal Rohern Limited, India| Engineer (QA/QC) | Aug 2000-July 2003**
- ✦ **Metallurgical Laboratories Private Limited, India| NDT Inspector | July 1998-July 2000**
- ✦ **Trainee Engineer (Q.C) At D. Parikh Engineering Works, India| Trainee Engineer| July 1997-June 1998.**

### KEY RESULT AREAS

- ✦ Quality assurance & Quality control during planning and implementing execution through all stages from concept design engineering, QA/QC through stage wise and final inspection of Plant equipment.
- ✦ Proficiency in Inspection of Valves, Pipes Pipe Fittings, Flanges, Anodes, HDPE & MDPE Pipes and other industrial products as per ITP, code and client specification.
- ✦ Surveillance inspection and monitoring of API 5L Line Pipes Coating like 3LPP – 3 Layer Poly Propylene, FBE – Fusion Bonded Epoxy, PCC – Polychloroprene Coating, CWC – Concrete Wet Coating, Monel Sheathing and Anode installation at Manufacturer's Mills and Site.
- ✦ Inspection and evaluation of Welded API 5L Line Pipes by various NDT techniques such as Fluoroscopy, Auto Ultrasonic Flaw Detection and Radiographic Examination.
- ✦ Expediting of plant Equipments, including Fabrication, Erection Testing, Commissioning, Valves, Pipes (Even Larger Dia. for oil and gas lines), Pipe Fittings, Flanges, Instruments, Cable trays, Gratings and other industrial products.
- ✦ Reviewing of documents such as Quality Assurance Plan, NDT procedures, Fabrication Drawings and WPS / PQR as per client specification, code specification and design datasheet provided by designer before starting of equipment fabrication.

### EQUIPMENTS HANDLED

- ✦ Heat Exchanger, Air Cooled Heat Exchangers with complete assembly
- ✦ Pressure Vessels (such as Reactors, Autoclaves, API Storage Tanks, Spheres, Underground Storage Tanks, Low Temp. Service Vessels, Sour Service Vessels, Boilers, Heaters, Columns and Furnaces).
- ✦ API 5L Line Pipes, Coating of API 5L Line Pipes, Valves, Forgings, Fittings, Pipes and Tubes, Piping Special Items, Structural, Anodes, Installation of Cross-Country Pipeline and Plant Pipeline.
- ✦ Destructive Testing, Non-Destructive Techniques, Positive Material Identification (PMI) and Welding Techniques.

### CREDENTIALS

**Education: Diploma in Mechanical Engineering, Rajaram Shinde Institute of Engg. & Tech., Mumbai University, Maharashtra, 1998**

**Certifications:** NDT Qualification ASNT Level - II in Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing and Radiographic Testing | Attended Course In Cathodic Protection For Cross Country Pipeline | AWS – Certified Welding Inspector (CWI Cert. No. 5121551) | CSWIP – Certified Welding Inspector (CSWIP Cert No. 27381) | ISO 9001-2015: QMS Auditor/ Lead Auditor Course (Certificate # TUVSUDMEQM/1226082016/000156) | Aramco Approved Quality Supervisor (Office) – Worked in Fadhilli SRU Project, Petrofac International LLC.

**IT Skills: Conversant with MS-Office Applications and AutoCAD Ver. R14.**

*Date of birth: 18<sup>th</sup> February 1975*

*Languages Known: English, Hindi, Gujarati| Citizenship: Indian | Passport No.: Z4994356.*

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*Present Location: Dubai, UAE*