**Curriculum Vitae**

**Amritpal Singh**

Sr. Quality Control Engineer

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# **Profile**

Quality Control Engineer with more than 15 years of experience in QA/QC, Inspection in the Oil & Gas and Thermal Power Plant. Last assignment was associated with JGC Corporation, Yokohama, Japan as Senior Quality Control Engineer/ Welding Engineer/ NDE Engineer.

Conversant QA/QC activities, Organizing Quality Control meeting with the Vendors and Client, clarifying quality control issues, bidding, preparation/review of specifications & procedures, Review of WPS/PQR and NDE procedures, inspection & testing at all stages of construction including material inspection and final documentation.

Experienced in inspection of static equipment (Heavy wall pressure vessels – CS, SS and Low alloy), Oil & Gas equipment and large evaporators for desalination plant. Experienced in Quality control in packaged equipment (various packages), and Rotary Equipment packages.

Conversant with International codes and standards such as ASME (Sec VIII Div.1 & Div.2, Sec I, Sec II, Sec V, Sec IX), AWS D 1.1, API, various ASTM standards, Shell, Aramco and Exxon Mobil specifications. Effectively planning and preparing QA/QC documentation as per design and user requirements. Skilled at planning & scheduling work, establishing systems and solving uprising issues during execution. Strong analytical, problem solving & organizational abilities.

Job summary:

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| Position | Company | Duration |
| Mechanical QC Inspector | Advance Inspection & Testing Engineers, India | Nov-2021 ~ Till date |
| Sr. QC Engineer | JGC Corp., Japan | May 2013 ~ May-2020  Feb-2021 ~ Jun-2021 |
| Manager (QA/QC) | RMG Autometers Gas Technologies Ltd, India | Jan 2012 ~ Mar 2013 |
| QC Engineer | Global Inspection Services, Qatar | Aug 2008 ~ Oct 2011 |
| Welding & NDT Inspector | Allied Industrial Inspection Services, India | May 2005 ~ Jul 2008 |

# **Educational Qualification**

* Bachelor of Science (Physics, Maths, Computer Sci.) from Guru Nanak Dev University Amritsar, India.
* Diploma in Mechanical Eng. From IASE University, Rajasthan, India.

# **Professional Qualification**

* CSWIP 3.1 (Certified Welding Inspector) from TWI – UK, Certificate No: 50010 (awaiting renewal exam result)
* ASNT – NDT - LEVEL –III (RT, UT, MT, PT, VT) Certificate No: 200690

# **Work History**

1. Advance Inspection & Testing Engineers, India

**Position- Mechanical QC Inspector**

**From 1-Nov-2021 ~ Till date**

# **Job Responsibilities & Duties**

* Working as QC Inspector for equipment and module fabrication (fabrication, welding, NDE, Hydrotest, Painting & FAT).
* Review of documents, witness inspections & testing as per approved ITP, fabrication drawings and other approved technical specifications.
* Mainly concentrated in Static & Rotating Equipment’s inspection, Piping & piping components. Site Welding & NDE Inspection, Equipment & Structural assembly, Piping erection welding, hydrotest & painting works, Mechanical Completion, Punch list close-out verification and commissioning support.
* Welding / Painting / Plant Inspection and NDT Inspection (UT, MT, PT, RT, RTFI, Tube Inspection – IRIS, ET) for clients.

# **Work History**

1. JGC Corporation, Japan

**Position- Sr. QC Engineer**

**From 1-May-2013 till 8-May-2020**

**1-Feb-2021 till 30-Jun-2021**

**Project- LNG Canada, BC, Canada**

Owner- LNG Canada

Duration- Feb-2021 to Jun-2021

Position- QC Engineer

**Project- Rovuma LNG Project, Mozambique**

Owner- ENI

Duration- Mar-2020 to Apr-2020

Position- QC Engineer (Piping)

**Project- KNPC Clean Fuel Project, Kuwait**

Owner- KNPC

Vendor- Hamon D’Hondt,

Fabrication Location- Al-Jubail, Saudi Arabia

Duration- Apr-2019 to Feb-2020

Position- QC Engineer (Static)

Resident QC Engineer at vendor shop to monitor fabrication, inspection of Air-Cooled Heat Exchanger.

**Project- HMD Upside North Project, Algeria**

Owner- Sonatrach

Duration- Sep-2017 to Mar-2019

Position- QC Engineer (Static, Piping, Welding, NDE)

**Project- Jazan Refinery and Terminal Project, Saudi Arabia.**

Owner- Saudi Aramco

Duration- May-2013 to Aug-2017

Position- QC Engineer (Static, Piping, Welding, NDE)

# **Job Responsibilities & Duties**

* Review material requisition and perform technical clarification with the vendor. Sort out all technical queries from the vendor.
* Organizing Quality Control meeting with the vendors clarifying quality issues before issuing the Purchase Order to the Vendor
* Issuing Technical clarification/ Technical Deviation to the Client before starting the Fabrication phase
* Organize and discussing NDE, Welding and Quality related issues raise during project execution
* Review and Approval of WPS/PQRs, NDE Procedures, ITPs, QAPs, quality procedures, test procedures etc.
* Quality Surveillance on Vendors and Supplier shop
* Participate in Project meetings and report on welding & quality issues
* Participate in Kick Off Meetings with Vendors
* Participate in Project Introduction Meetings
* Arrange Pre-inspection Meeting and chair the meeting
* Review/ Approve Vendor/Sub-contractors Quality Management System Documentation
* Discuss with client and vendors about various problems, technical issues.
* Conduct inspection whenever needed and monitor inspection activities.
* Identify non-conformities and develop the corrective and implement action.
* Prepare follow up sheets for client’s comments on various procedures, documents etc.
* NCR analysis and their Corrective and Preventive Actions
* Liaison with Third Party Inspection (TPI) agencies
* Material Inspection
* Ensure the contractor’s compliance with the project Quality Plan and Project scope and time constraints
* Ensure and checks that QA/QC data are available on time on site

# **Work History**

1. RMG Autometers Gas Technologies Ltd, India

RMG Autometers Gas Technologies Ltd. is a Joint Venture Company of RMG Group of Companies (Honeywell), Bauer Consult International Germany, and Autometers Alliance Ltd, for the manufacture of a complete range of stations and products for the transmission and distribution of natural gas for utilities, industry and domestic sectors.

**Worked as a Manager-QC from 2nd Jan 2012 to 15th Mar 2013.**

# **Job Responsibilities & Duties**

* Supervise and manage QC functions and manage a team of QC inspectors. Supervise the Inspection of Structural Fabrications and Piping Systems. Ensuring that all work is performed as per applicable code, Project specifications & PO requirements and records are maintained which conform to the requirements of the contract.
* Liaise and co-operate with management and standards bodies (e.g. ISO, ASME, Inspection Agencies etc)
* Liaise with customers and suppliers where necessary (where impacting/affected by QA/QC issues)
* Prepare WPS & PQR as per applicable standard and project specification & Ensuring proper implementation of WPS & PQR while executing the job. Qualify Welders as per applicable WPS/ PQR.
* Prepare ITP as per client technical spec and internal FAT procedure.
* Prepare NDT as per project specification and applicable code for client review and approval.
* Review and approve Subcontractor documents related to QC and NDT. Review and comments on QC programs developed by suppliers/ Contractors.
* Review and approve incoming material inspection with test certificate and client specifications.
* Interpretation and evaluation of Radiography films and Monitor other non-destructive testing exam results to determine defects, and mechanical damage.
* Controlling of non-conforming products and planning corrective and preventives action (CAPA) non conformities.
* Monitor performance according to agreed objectives and performance standards, take necessary action to communicate/advise/assist and improve the company according to performance levels.

# **Job Responsibilities & Duties for ASME U Stamp Audit**

Act as Head Quality along with responsibilities of welding engineer.

* Prepare and issue Quality Control Manual.
* Coordinate with AI for stage inspection as per approved ITP.
* Prepare weld plan and certify Data Reports.
* Approve final disposition of all non-conformities.
* Prepare Welding consumables intent and TDC.
* Verify welding consumables material with batch number and TC.
* Prepare and approve WPS/PQR and WPQ.
* Maintain welder continuity records and prepare a list of qualified welders.

# **Work History**

1. GLOBAL INSPECTION SERVICES.(AMSYCO), Qatar

One of the leading Inspection company in Qatar with its headquarter in Doha and many other site offices was established with the purpose of providing reliable, high quality, cost effective Inspection services to Oil, Gas, Petrochemicals, Power, Desalination, construction and other Heavy Fabrication sectors based in Qatar.

Worked as below mention positions from 20-Aug-2008 to 18-Oct-2011.

Position: ASNT NDT Level III

Project: Interim Modification of Third-Party Gas Receiving Facility-Phase II (Shut Down)

Owner: Dolphin Energy

Client: Qcon

# **Job Responsibilities & Duties**

* Preparation and review of operating procedures and method statements in accordance with project specifications and international codes and standards for NDT and Inspection
* Interpretation and evaluation of Radiography films.
* Coordination with client for Inspection and NDT activities and requirements.
* Attending to Technical and Quality problems

Position: Welding Inspector from November 2010 to September 2011

# **Project**

* Owner: QAFCO, Project: Ammonia Urea Steam Header Integration

Client: QCON/ Proplant Inc.

# **Job Responsibilities & Duties**

* Fit-up, Weld Visual, & Surface Inspection of Finished Fabricated items
* Carry out stage inspection based on approved ITP, Project specifications & approved Quality Assurance drawings involved in welding of piping loops
* Ensuring proper implementation of WPS & PQR while executing the job
* Witnessing & reviewing all NDT activities and ensuring 100% compliance with specified codes & standards
* Interpreting of radiography films
* Witness welding procedure qualification and welder qualification

Position: NDT Supervisor/RPO from August 2008 to October 2010

# **Project**

* Owner: RLOC-QChem, Project: Ethylene Cracker-Cold Section SP2

Contractor: Descon/Technip

* Client: QATAR PETROLEUM, Project: NGL-3 PLANT SHUTDOWN May 2010
* Client: QAFCO, Project: Shutdown March 2010
* Owner: Dolphin Energy, Project: CLSCSEF-Phase I

Client: Qcon

# **Job Responsibilities & Duties**

* Doing RTFI as per client requirement and monitor & witness various NDT activities.
* Approved RTFI by QCHEM, QP, QAFCO & Dolphin.
* Review of technical procedures and instructing technicians accordingly
* Resources’ planning, resources’ allocation with reference to project plan and site requirements
* Liaising with clients’ RSO or Plant Administration for conducting Radiography activities
* Site supervision and acting Corporate RPO
* Managing a team of 40 technicians and ensuring the optimum production level

# **Work History**

1. Allied Industrial Inspection Services, India

An ISO 9001:2000 Certified Company Engaged with inspection activates.

Worked as Welding & NDE Inspector from June 2007 to July 2008.

# **Project**

* Rajiv Gandhi Thermal Power Plant, 2\*600 MW Project, Khedar, Hisar,Haryana

Contractor: Sunil Hi-tech Engineers Ltd/ Reliance Energy Ltd.

Client: Haryana Power Generation Corporation Ltd.

Contractor: Sunil Hi-tech Engineers Ltd.,

# **Job Responsibilities & Duties**

* Perform UT on plates, welds
* Interpretation of radiographs
* Perform Visual inspection, Fit up inspection, & Weld preparation monitoring
* Monitor welding in accordance with approved WPS
* Witness PQR qualification & Welder Qualification Test as per project requirement
* Witnessing and monitoring the various NDT Methods, Radiography film interpretation and organization of NDT activities as per Standard requirement

Worked as a NDE Inspector from

May 2005 to May 2007

# **Project**

* 77Km Pipe Line Project from Brijwasan to Piyala, Haryana.

Contractor: Kalpataru Power Generation Company Ltd.

Client: Bharat petroleum Corporation Ltd.

* Hydroproject Sewa Stage 2, J&K, India

Contractor: Texmaco Ltd.

Client: NHPC Ltd.

* Inspection at various fabrication plants at Piping spool fabricator and pressure vessel manufacturer

# **Job Responsibilities & Duties**

* Performing Radiographic, Ultrasonic, Magnetic Particles, Penetrant Testing on various types of jobs (Piping & Structure)
* Interpretation of Radiographic Films & Visual Examination as per API 1104 & ASME Sec VIII D-I, Sec IX
* Prepare NDT reports

# **Skills**

* Task Oriented and Cost Conscious
* Effective in Team Management
* Able to lead a project team and take decisions
* Good communication skills in English
* Maintain Good Work Ethic
* Proficient in working on MS Excel Spreadsheets, Word and PP etc.
* Familiar with Windows operating systems

# **Declaration**

I declare that the details pursued above are true to the best of my knowledge and belief.

Amritpal Singh