

Gajakosh Ravindra Dnyandeo

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Profile

An internationally experienced Plant / QA/QC / Welding Inspector with more than **15 years** of experience involved in In-service Inspection (onshore and offshore) and Projects Inspection. Inspection of Static Equipment such as pressure vessels, heat exchangers, boilers, piping & Storage tanks / Asset Integrity, Turnaround – Inspection, Post turn around documentation as per International Codes, Standards, Specification and Clients Quality Procedures. Experienced in challenging environments working in turnarounds, Oil refineries, Petrochemical plants and Power plants.

Education

- ✓ Diploma in Production Engg. (1998) at Fr Agnel Tech College, India.

Personal Details

- ✓ Date of Birth: March 9, 1977.
- ✓ Languages Known: English, Hindi, and Marathi.
- ✓ Nationality: Indian.
- ✓ Passport No: M9552690 issued at Qatar valid till August 2025.

Technical Qualifications

- ✓ API 510 Pressure Vessel Inspector (Certificate no: 46655; Expiry on 30/11/2021)
- ✓ API 570 Piping Inspector (Certificate no: 43368; Expiry on 31/01/2024)
- ✓ API 653 Storage Tank Inspector (Certificate no: 48001; Expiry on 30/04/2022)
- ✓ CSWIP 3.2.2 - Senior Certified Welding Inspector (Certificate no: 77805; Expiry on 20/06/2023)
- ✓ Bosiet Opito Approved (Expiry on 05/02/2025)
- ✓ ASNT Level II Certified in UT, RT, MT & PT (Expiry on 14/07/2023)
- ✓ Certified Welding Inspector by Welding Research Institute

Core Competencies

- ✓ Inspection & testing of static equipment like pressure vessel, storage tanks, pipe lines, heat exchangers, columns, furnaces, Pipe lines & fittings etc.
- ✓ Issuing Inspection work lists including repairs, testing methods, material etc.
- ✓ Fabrication / welding inspection.
- ✓ Non-Destructive Testing - RT, UT, MT & PT.
- ✓ Material inspection.
- ✓ Analysis assistance of corrosive failures.
- ✓ Modification & repairs.
- ✓ Working knowledge in computers (MS Office and MS Excel).

Career Summary

1) 1st July 2014 to 7th June 2020

Plant Inspector – Qatargas Operating Company Ltd, Qatar.

Job profile

- ✓ Conduct on-stream inspection on the plant stationary equipment including pressure vessels, heat exchangers, drums, tanks, valves, PRD's and piping systems according to company established policies and procedures and issues inspection reports.
- ✓ Implement the computerized inspection program through Validation of the asset registry, equipment details and the inspection results.
- ✓ Inspects plant stationary equipment by entering into vessels, columns and boilers, during shutdowns, to check condition of equipment. Includes noting observations on cracks, pits, thinning and any other

pattern of erosion, corrosion and other interior failure. Makes interpretations of findings, analyses for failure, prepares report and issues recommendation.

- ✓ Coordinates with the Operations, Planning and Maintenance supervisors such activities as the scheduling and planning of inspections, obtaining the requisite permits and performing any required special audits of equipment.
- ✓ Checks condition of safety relief valves, and reports findings to inspection engineer. Witnesses pressure setting before and after repair and during any re-calibration campaign, as assigned. Prepares report, schedules testing frequency as per policy, enters inspection data in Meridium based computerized system, raises recommendation based on valve condition and follow up.
- ✓ Witness hydrostatic tests and pneumatic tests on pressure equipment, valves and pipelines as per company policy and procedure.
- ✓ Upon failures of equipment such as vessel and heat exchangers, inspect material and assist in the preliminary failure assessments; prepare report and issue recommendations, where applicable, via supervisor for action by relevant departments.
- ✓ Inspects maintenance and capital project works being carried out in the plant, to ensure that specified maintenance practices and procedures are followed for welding, installation and fabrication as per policy and in compliance with international fabrication codes and standard.
- ✓ Assists during Third Party re-certification of statutory equipment like boilers.
- ✓ Supervises and co-ordinates contracted NDT team whenever and wherever required for carrying out Penetrant examination (PT), magnetic particle inspection (MPI), ultrasonic testing (UT), radiography (RT), PMI, Metallographic, hardness tests, Boroscope and other tests and inspections as required. Follows all required safety procedures while carrying out the work.
- ✓ Prepares preliminary reports on inspections and NDT tests, highlighting any abnormalities and issue recommendations via supervisor for action by relevant departments.
- ✓ Ensures proper maintenance of inspection reports and records. Maintains various records in the computerized systems, updating inspection test results and other data in specialized inspection software system (Meridium).
- ✓ Responsible for the support of Company safety, environment and Quality policies and programs, carrying out specific duties and responsibilities related to his job as spelled out in Management system documentation, policies, procedures, local documentation, Management System Manual, Safety Manual and other related documents.
- ✓ Undertakes additional specific inspection related duties as directed by Asset Inspection Engineer to fulfill annual targets and special tasks.
- ✓ Implements inspection recommendation by notifications raising through SAP and then tracking the progress till completion of work.

2) 23rd April 2014 to 25th May 2014

Plant Inspector – Deputed to Intertek Moody, Saudi Arabia.

Job profile

- ✓ Carrying out external visual inspection prior to shutdown for the static equipment including pressure vessels, heat exchangers, coolers, columns, furnaces and tanks etc.
- ✓ Carrying out initial, detailed and final internal visual inspection complemented with NDT examination for the static equipment including pressure vessels, heat exchangers, coolers, columns, furnaces and tanks etc.
- ✓ Preparation of shutdown inspection advice notes (IANs) and inspection reports with all findings, abnormalities and repair recommendations.
- ✓ Inspect any completed repairs, modifications and/or replacement.
- ✓ Maintain and update all inspection files and develop and/or review repair recommendations to ensure compliance with codes/standards and original design.

3) September 2013 to December 2013

API Mechanical Inspector – Deputed to Agip KCO through KIOS Kazakhstan.

Job profile

- ✓ Visual Internal and External Inspections of Static Equipments (Pressure Vessel, Column, Heat Exchanger), Piping and Structure.

- ✓ Preparing reports and providing with the necessary recommendation for repair as per the client requirements.

4) 27th April 2011 to 22nd May 2013

Sr. Mechanical Inspector – Deputed to Saudi Aramco Total Refinery & Petrochemical Company Project through Al-Hugayet Group, Saudi Arabia.

Job profile

- ✓ Responsible for the safety of all inspection team members working within my assigned areas. Regularly attend and/or hold JSA's and safety meetings prior to the start of specific inspection activities.
- ✓ Coordinate the inspection activities for fixed equipment and piping. Responsible for maintaining Project compliance with all fixed equipment.
- ✓ Coordinate inspection resources for on-site activities as well as coverage of repaired and/or fabricated items at off-site vendor facilities.
- ✓ Perform visual surveys on the boilers, furnaces, tanks, static equipment as per the occasional request from operations and maintenance.
- ✓ Perform Internal/External/CUI inspection along with following shop fabrication of pressure vessels and piping.
- ✓ Reviewing hydro test package, preparing punch list, witnessing the test and lay-up after hydro test.
- ✓ Reviewing ITP, Method statements and records.
- ✓ The systemization of P&ID's for process piping. Building job packages and establishing the base line thickness readings for all the fixed equipment and piping circuits.
- ✓ Field assessment of the process piping in the units for thickness measurement placement.
- ✓ Ensure all required documentation for newly fabricated equipment is received and reviewed for accuracy prior to the equipment being placed into service. Ensure the newly fabricated equipment has been implemented into the inspection program.
- ✓ Conduct shop audits on off-site vendor facilities.
- ✓ Review and approve the final documentation for fixed equipment and process piping.
- ✓ Ensure all inspections are properly documented using both the electronic and hard copy filing systems.
- ✓ Prioritize the inspection findings and generate the notifications.
- ✓ Responsible for developing and maintaining inspection plans as per the project / client requirement.
- ✓ Serve as a point of contact for inspection and technical expert for inspection activities.
- ✓ Responsible for the direct supervision for unit support inspectors. I coordinate their daily work activities.

5) 18th August 2008 to 30th June 2010

Inspection Engineer (Client Side) – Deputed to Borouge, through TUV Middle East, Abu Dhabi.

Job profile

- ✓ Monitor inspection schedules and follow-up for compliance of inspection requirements as per relevant company and international standards and procedures.
- ✓ Participate in incident investigations and failure analysis reviews related to the mechanical integrity of static equipment and identify the weakness in the procedures, systems and methods.
- ✓ Perform internal, external and on-stream inspection of all stationary equipment
- ✓ Day to day duties is to carry out integrity inspection and testing activities as per inspections and integrity management programs of static equipments and piping.
- ✓ Carry out inspections and testing of all static equipment and piping of plant facilities including NDT, visual survey, hydrostatic test, etc. as and when required.
- ✓ Witness lifting equipment inspection and certification of overhead crane, mobile crane, truck mounted crane, forklift, swing-jib, material hoists, working platform and ship loaders performed by Third Party.
- ✓ Ensures that all inspection and testing is completed according to specific instructions, applicable work methods and procedures, and in compliance with QHSE standards.
- ✓ Ensure all non-destructive test activities are carried-out in accordance with requirement and approved inspection programs.
- ✓ Monitors and inspects execution of repairs and modifications and performs relevant testing prior to final acceptance.
- ✓ Maintains and updates Inspections database.
- ✓ To conduct welding procedure and performance qualifications according to ASME Section IX.
- ✓ Provides recommendations on choice of repair procedures, selection of materials etc.

- ✓ Carry out positive material identification under the scope of stores material inspection for critical items such valves, pipes and fittings, welding consumable, fasteners and structures.

6) 28th November 2007 to 27th July 2008

General Inspector - Deputed to Rasgas, through Arabian Construction Engg. Co, Qatar.

Job profile

- ✓ Actively involved in Risk Base Inspection for small bore piping for Onshore and Offshore (platform)
- ✓ In service Survey for vibration in piping and support systems and further preparing proposal based on analysis.
- ✓ Corrosion measurement for piping and equipment.
- ✓ Inspection of equipments and piping healthiness during shutdowns.

7) 2nd April 2005 to 29th May 2007

Inspection Engineer - IBI Chematur, Mumbai – India.

Job Profile

- ✓ Carryout on-stream condition monitoring of plants and QA/QC of all maintenance activities to ensure safe and reliable operations.
- ✓ Conduct internal, external planned & unplanned inspections and Maintenance work on all static equipment/facilities (columns, Separators, heat exchangers, Pressure vessels, flares, heaters, valves and piping) and to compile written reports on findings and recommendations, puts in repair recommendations to user departments.
- ✓ Corrosion monitoring of pipe lines and equipment by UT thickness measurement.
- ✓ Painting and blasting Inspection for Equipment, Pipeline, Piping & Structural work in Onshore.
- ✓ Co-ordinate with NDT team after determining the appropriate NDT method applicable to assess the equipment condition.
- ✓ Work with minimum supervision following all company safety procedures, standards and regulations.
- ✓ Issue inspection work sheets with repair procedures and testing requirement confirming to approved welding procedures which are made in line with the Engineering Standards & International Standards.
- ✓ Maintain inspection files, keep records up-to-date.
- ✓ Identify the type of corrosion/deterioration to the equipment or piping & initiate appropriate monitoring methods in consultation with Process & Corrosion Groups.
- ✓ Anticipate equipment & piping retirements and initiate appropriate steps of renewal.
- ✓ Inspect and assess the condition of Plant fixed equipment at the required frequency, in accordance with the Company's construction and inspection code i.e. ASME, API, AWS, and compiles written reports on his findings and recommendations, puts in repair recommendations to user Departments.
- ✓ Check and approve for structural modifications associated with plant and equipment in accordance with the Company's procedures for such work.
- ✓ Provides a workshop inspection service for overhaul of pressure safety valves, pipe work and structural work, fabrication, etc. including hardness testing, crack detection and radiographic examinations as quality control.
- ✓ Advise and recommends required for repairs or replacements in defective plant equipments and carries out further inspections after repair work to ensure conformity to approved standards and codes.
- ✓ Review and approval of QAP, WPS and witnessing PQR & WPQ for various projects.
- ✓ Witnessing of hydro and pneumatic tests.
- ✓ Review of Test Packs and as built Drawings.
- ✓ Inspection of Heat Exchangers, Pressure Vessels.
- ✓ Inspection and testing of Spiral & Longitudinal SAW pipes of different material grade.
- ✓ Inspection of rotary equipments like pumps, compressors, inspection of packages.
- ✓ Carried out inspection of valves, forgings, castings, tubes.

8) April 2003 to March 2004

Static Equipment Inspector - Deputed to Qatar Chemical Company (QCHEM), Qatar through QTECH, Qatar.

Job Profile

- ✓ Inspection & testing of static equipments such as heat exchangers, columns, vessels, furnaces, lines & fittings, during shutdowns as well as on stream
- ✓ Specify scope of inspection, provide short-term as well as long term recommendations regarding repairs & replacements
- ✓ Issue inspection work lists and checking / approving the quality and progress of construction and repair work
- ✓ Checking and verification of the equipment minimum allowable thickness (MAT), corrosion rates, service life estimation, determination of rejection limits and take corrective action accordingly
- ✓ Maintaining history of individual equipments, updating inspection and repair records including data, anticipated repairs, and thickness readings
- ✓ Monitoring corrosion conditions, evaluation of material performance
- ✓ Thickness monitoring locations (TML) survey of stationary equipment
- ✓ Inspection of weld joints by means of various NDT such as VT, PT & MT
- ✓ Provide support to Operation/Maintenance as directed by Reliability engineers
- ✓ Co-ordination with contract NDT Technicians during major Turnaround
- ✓ Update and maintain equipment survey data in Meridium/Ultra-pipe software
- ✓ Co-ordination with contract CP technicians for routine CP survey
- ✓ Perform steam trap survey as required
- ✓ Support Stationary Equipment Engineer for equipment inspection, PSSR, & issue of RAT sheets
- ✓ Maintain all testing instruments/tools in a proper manner
- ✓ Witness of pressure test/ PSV tests
- ✓ Help achieve Reliability and HSE goals

9) Feb 2000 – Sept 2002

Inspector - Kuwait National Petroleum Company (Refinery) through Cooper Heat, Kuwait.

Job profile

- ✓ Performing in-service inspection of Vessels, tanks and Refinery piping etc.
- ✓ Interpretation of radiographs.
- ✓ Witness of hydro and pneumatic testing.
- ✓ Conducting hardness testing in different materials.
- ✓ Detection of corrosion and lamination of various equipment and piping.
- ✓ Inspection of tank floor mapping with magnetic flux leakage (MFE-2412)
- ✓ Detection and monitoring of hydrogen induced cracking on gas and crude lines.
- ✓ Preparation of inspection reports and suggested remedies for problems
- ✓ Compilation of final reports and reporting to senior inspector.

Previous Employments

June 2007 to Aug 2007	Welding Inspector	Bonatti S.p.a., Kazakhstan.
July 2004 to Nov 2004	QA/QC/Welding Inspector	TEPE NACAP, Turkey
Oct 2002 to March 2003	QA/QC Inspection Engineer	Sigma NDT services, India
Jan 1997 to Feb 2000	NDT Tech / Inspector (Offshore insp)	Quality Enterprises, Mumbai (India)
