

RESUME
Inspection Engineer/API Plant Inspector

Pushpendra Kumar

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AIM: PROFESSIONAL IN ENGINEERING INSPECTION FIELD

Objectives

To work in Challenging environment, demanding all my skill and efforts to explore and adapt myself in different field, and realize my potential and contribute to the development of organization with impressive performance

Reliability Inspector for static equipment and storage tanks/ (Diploma holder in Mechanical Engineering) with a wide range of experience (**15+ years**) in NDT, Quality Control, Welding and Inspection. Experienced in Pressure Vessels, Heat Exchangers, Reformers, Boilers, Furnace, Dryer, Above Ground Storage tanks, Surface Condensers, Valves, Flanges, Fittings and Steel Structures.

Educational Qualification

- ❖ **Diploma in Mechanical Engineering. (DME)**
- ❖ **Bachelor of Science (Bundelkhand University Jhansi Uttar Pradesh India).**

Technical Certification

- ❖ **API 510 Pressure Vessel Inspector – Cert No: 82179**
- ❖ **API 653 Aboveground Storage Tanks Inspector - Cert No: 341905**
- ❖ **IMS PEI Training Certificate (Cenosco Netherlands)**
- ❖ **PCN Level II UT 3.1 & 3.2 – Cert No: T013S3328889, PCN No: 319002**
- ❖ **NDT- ASNT Level II**
 - ❖ **Ultra-sonic Testing** ASNT – Level - II
 - ❖ **Radiography Testing** ASNT – Level - II
 - ❖ **Magnetic Particle Testing** ASNT – Level - II
 - ❖ **Penetrant Testing** ASNT – Level – II
 - ❖ **Eddy Current Testing** ASNT – Level – II
 - ❖ **Visual Testing** ASNT – Level – II
 - ❖ **MFL – FM3Di-R** Silverwing Middle East Certificate (Dubai)
 - ❖ **Rapid Motion Inspection (RMS)** Silverwing Middle East Certificate (Dubai)
 - ❖ **PAUT & TOFD** Omni Scan Mx2/SONOTRON Tr. Certificate

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❖ KEY WORK EXPERIENCE:

- ❖ **Familiar with international codes & standards** such as ASME Sec.VIII, Sec.V, Sec. IX ASTM, ASNT, API-510, RP 572, RP 571, RP 576, API 650, API 651, RP 575, RP 577 API 653 ASME 31.3, AWS.
- ❖ Read and understand the plot drawing, general arrangement drawings, P&ID drawings and Isometric drawings.
- ❖ Experienced in In-service inspection of static equipment's and Above Ground Storage Tanks.
- ❖ Experienced in condition monitoring of In-service equipment's in Petroleum, Petrochemical and Gas Plants.
- ❖ Experienced in shutdown inspection activities like monitoring, coordination and perform inspection activities, non-destructive testing, and repairs.
- ❖ Familiar with leak tests and plugging of Main Cryogenic Heat Exchange (MCHE).
- ❖ Familiar with inspection of Breach Lock Exchanger and witness differential hydrotest.
- ❖ Review Welding documents which include WPS, PQR, Welder Performance Report, Welder Qualification Report, NDT Qualification Report.
- ❖ Radiographic Films Interpretation and scrutinizing of NDT reports.
- ❖ Inspecting and witnessing activities of welding and installation as per approved ITP.
- ❖ Resolve site issues. Conduct regular audit with contractor to ensure if they are competent with client's specification and codes.
- ❖ Performing raw material inspection of incoming materials and welding consumables towards the specification requirements.
- ❖ Visual inspection at fit up stage of weld joints as per drawing requirements and attestations.
- ❖ Checking edge preparation and cleanliness of the joint as per the approved WPS.
- ❖ Performing inspection of pipe fit up related items for root gap, root face and misalignment.
- ❖ Checking orientation of the job as per the drawing.
- ❖ Material identification, Welding consumable verification, Welder training and Performance monitoring.
- ❖ Conducting welder qualification test under TPI.
- ❖ Witnessing WPS as per In-house welding activities.
- ❖ Monitoring the storage of electrodes and its baking condition.
- ❖ Checking quivers are plugged in electrical supply and temperature is maintained to the limits of the procedure.
- ❖ Ensuring qualified welders are used as per the process and monitoring the preheat, inter pass temperatures of welding as per the approved WPS.

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- ❖ Planning, scheduling and allocating manpower on routine basis.
- ❖ Preparing the Inspection test plans, method statement and quality procedures and obtaining approval from the client.
- ❖ Interaction with client at regular intervals and review of customer complaints and taking appropriate actions.
- ❖ Inspection carried out based on RFI (Request for Inspection) as per the applicable Inspection test plan & project specification.
- ❖ Inspection of blasting/painting activities at site and fabricated shop carried out to the company's standards and specification.
- ❖ Identify quality problems, conformity and recommend corrective and preventive actions on a continual basis.
- ❖ Ensure that weather conditions (viz. Relative Humidity and Dew Point) are suitable for surface preparation, blasting and painting application.
- ❖ Verifying records of calibration, inspection & test equipment's.
- ❖ Witness destructive & non-destructive tests.
- ❖ Checking inter pass cleaning is done properly to avoid trapping of defects.
- ❖ Assurance of proper controlling and handling of welding consumables.
- ❖ Review and witnessing of testing such as **PT, MT, RT, UT, UT Share wave, Phased Array(PAUT/TOFD), Eddy Current, Baroscopic, MFL, Hydro Test, Pneumatic Test, Hardness Test** etc.
- ❖ **Plant Inspection** of static equipment's such as Vessels, Exchangers, Towers Columns, Reactors & Heaters etc. Inspection of visual (Pre-cleaning, Post-cleaning & Hydro, Pneumatic Testing etc.) & NDT.
- ❖ **NDT Inspection** of RT interpretation, MT, PT & UT Lamination. Review of NDT reports.
- ❖ **KNOWLEDGE NDT TECHNIQUE AT-**
 - PAUT/TOFD Inspection
 - Tank Bottom Floor Mapping -MFL Technique with Equipment FM3DiM-R, VS2i,
 - Corrosion Mapping by-Rapid Motion Inspection (RMS-300,450,600) Vacuum Box Inspection, Leak Testing
 - ISO metric drawings.
 - Asset integrity and RBI Implementation project at MRPL Mangalore
- ❖ **Software Skills**
Familiar in Windows applications like MS-Office / Internet facilities
IMS PEI RBI Implementation software Canseco
Auto Cad

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TURNAROUND MAINTENANCE SHUTDOWN PROJECT COMPLETED as a API Inspector

S. No	Company	Client/ Organization	Position	Project	Duration	Location
1	TUV SUD South Asia Pvt. Ltd.	Israel Natural Gas Lines (INGL- Israel)	API - 510 Inspector	Integrity Assessment as per RBI-580/ API 510	16.02.2023 to 01.04.2023 (64 equipment Inspected)	Israel-power plant & Refineries
2	TUV SUD South Asia Pvt. Ltd.	Israel Natural Gas Lines (INGL- Israel)	API - 510 Inspector	Integrity Assessment as per RBI-580/ API 510	16.05.2022 to 30.07.2022 (65 equipment Inspected)	Israel-Power plant & Refineries
3	TUV SUD South Asia Pvt. Ltd.	IOCL Haldia W.B India	Plant Inspector	Shutdown	25 th Oct. to 15Nov. 2020	West Bengal
4	TUV SUD South Asia Pvt. Ltd.	EIL Gurugram	API - 510 Inspector	Pilot plant shutdown	10 th March to 20 March 2020	Gurugram Haryana
5	Applus Velosi Saudi Arab	GAS JUBAIL - SABIC AFFILIATE	API - 510 Plant Inspector	Shutdown turnaround	Feb 2020 to March 2020	Jubail Saudi Arabia
6	TUV SUD South Asia Pvt. Ltd.	Bharat Oman Refineries Limited (BORL)	API - 510 Plant Inspector	Shutdown turnaround .	30th July 2019 to 15th August 2019	Bina Madhya Pradesh
7	TUV SUD South Asia Pvt. Ltd.	Indian Oil Corporation Limited (IOCL)	API -510 Inspector	Shutdown/ turnaround .	20th Dec. 05th January 2018	Mathura U. P, India
8	TUV SUD South Asia Pvt. Ltd	Indian Oil Tanking Limited (IOTL)	API -653 Inspector	Shutdown	June 2024 to July 2024)	Paradeep Odisha
9	TUV SUD South Asia Pvt. Ltd	Mangalore Refinery and Petrochemicals Limited (MRPL)	RBI/API Inspector	Asset Integrity (AIMS) & (RBI)implem entation	July 2024 to 1 Year project	Mangalore Karnataka
10	CSPL Noida	Hindalco Industries Limited	API -653 Inspector	Shutdown/ Call out	Dec 2024	Bharuch Gujrat

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Responsibilities

- ❖ Static Equipment visual (external, Internal) Inspection of Pressure vessels, Column, Heat Exchangers, etc. (Pre-Cleaning, Post Cleaning, Final Inspection)
- ❖ Evaluate corrosion rate and remaining life for equipment
- ❖ Review and Witnessing tests like Hydro Test, Pneumatic Test to ensure the integrity of equipment.
- ❖ Review and Analyzing the Eddy current, MFL reports and recommending for corrective and preventive action.
- ❖ Preparing the inspection reports which show external and internal observations as opened condition, after cleaning inspection, final inspection and NDT and Comparison with last inspection summary and recommendation, Supervise and participates in non-destructive (Conventional and Advance) testing of equipment and piping, including review of preliminary interpretations carried out by subordinates.

❖ **Turnaround Experience at GCC**

- | | |
|----------------|------------------------------------|
| 1. Client Name | M/s. QATAR PETROLEUM (QATAR) |
| Designation | QA/QC INSPECTOR |
| Project | TURNAROUND 2018 |
| Duration | Feb 2018 to March 2018. |
| Company | M/s. Sievert W.L.L Qatar |
| | |
| 2. Client Name | M/s. QCHEM (QATAR) |
| Designation | QC INSPECTOR |
| Project | TURNAROUND 2017 |
| Duration | October 2017 to November 2017. |
| Company | Applus Velosi W.L.L Qatar. |
| | |
| 3. Client Name | M/s. STAR ENERGY OIL TANKING (UAE) |
| Designation | ADVANCE NDT INSPECTOR |
| Project | STORAGE TANK INSPECTION |
| Duration | JUNE 2015 to SEP. 2015 |
| Company | SILVERWING MIDDLE EAST DUBAI |
| | |
| 4. Client Name | M/s. GAS ARABIAN SERVICES |
| Designation | Plant INSPECTOR |
| Project | TURNAROUND 2020 |
| Duration | Feb 2020 to April 2020. |
| Company | Applus Velosi Saudi Arabia. |

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Current Company	TUV SUD SOUTH ASIA PVT LTD NOIDA
Current Designation	Inspection Engineer/API Inspector
Experience	from March. 2018 to Present.
Feb. 2016 – Sep. 2018	Worked as QA/QC and TPI At Applus Velosi W.L.L. Qatar
Nov. 2014 – Dec. 2015	Worked as ADVANCE MFL/QA Inspector At Silver Wing Middle East L.L.C (SWME Dubai)
Dec. 2013 – Sept. 2014	Worked as NDT Inspector SGS Qatar W.L.L Site Loc. (Shell GTL & ORYX GTL SITE)
May 2008 – Nov. 2013	Worked as NDT Technician/NDT Supervisor At NDTs INDIA PVT. LTD NAVI MUMBAI Site Loc. (NPCIL Tarapur, NTPC, BPCIL & HPCIL)

Shut Down Experience in INDIA

QA/QC-NDT inspection of pressure vessel, Storage tanks, Pipelines, L.P.G. Horton spheres, boilers, exchanger, furnace, Heater etc., using all NDT methods at various Petrochemicals, fertilizers, and automobile industries in India during shut down.

- 1 Nuclear Power Corporation Limited. (NPCL-Tarapur, MH) Kaiga-KA & TN)
- 2 Bharat Petroleum Corporation Limited. (BPCL Mumbai)
- 3 Larsen and Toubro group. (L&T) Mumbai, Surat & Baroda.
- 5 TATA Power Plant. (Mumbai MH)
- 6 Godrej (Mumbai MH)
- 7 National Thermal Power Plant. (NTPC) Singrauli U.P & Bindhnagar M.P.
- 8 Hindalco Power & Aluminum plant Sidhi (M.P)
- 9 SESA Goa Ltd (Pig Iron Division) Goa.
- 10 Indian Oil Corporation of India (IOCL) Jalandhar Punjab
- 11 Gail India. (Agartala-Tripura, Vizag, and Vijayawada A.P)

Shut Down / In Service Inspection Job Experience at Middle East.

- 12 Shell GTL Qatar. (Year-2013)
- 13 ORYX GTL Qatar. (Year-2014)
- 14 Star Energy Oil Tanking. (SEOT) Dubai. (Year-2015)
- 15 Horizon Energy LLC Dubai. (Year-2015)
- 16 Dry Dock World Dubai (DP World) (Year-2015)
- 17 Qatar Fuel Additives Company Limited (QAFAC) (Year-2016)
- 18 Ras Gas Company Limited Qatar (Ras Gas) (Year-2016)
- 19 Qatar chemical company Limited. (Q-Chem) (Year Dec-2017)
- 20 Qatar Petroleum (QP Refinery) (Year Feb-2018)

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- 21 Israel Natural Gas Lines (INGL- Israel-May-July-2022)
- 22 Israel Natural Gas Lines (INGL- Israel-Feb.- April 2023)
- 23 Israel Natural Gas Lines (INGL- Israel-Feb.- April 2024)
- 24 Indian Oil Tanking Limited Paradeep (IOTL- June 2024 to July 2024)
- 25 Mangalore Refinery and Petrochemicals Limited (MRPL Aug. to Jan.2025)

Personal Profile

Father's Name : Mr. Ram Babu
Date of Birth : 02-03-1989
Marital Status : Married
Sex : Male
Nationality : Indian
Religion : Hindu
Languages Known : English, & Hindi
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Contact Number : +91 9892679288
Passport details : V1180518
