**KUNAL**

**E-Mail:** **kunal-394729@2freemail.com**

 **PREFACE**

* A result oriented professional with 13+ years of experience in field of inspection for Fabrication of Static, Rotary equipment, Piping and structure for Oil & Gas Field.
* Currently working as Surveyor with Bureauveritas India Pvt. Ltd. Ahmedabad – Gujarat. India.
* I have worked as Mechanical Inspector as (RIL, ADANI, L&T, TIL, Petrofac Approved Surveyor – Static, Rotary

/ Reciprocating, Structure & STS Crane) at different Projects at various Manufactures Places.

* Demonstrated experience in managing quality functions and supplier quality assurance. Proven success in implementing quality functions.
* An effective communicator with excellent skills in building relationships. Possess strong analytical, problem solving and organizational abilities.
* Extensive experience in carrying out various tests & inspections, managing inspection activities, checking the quality, Co-ordination and preparation of final dossier.
* Well conversant with non-destructive testing including RT, UT, MT & PT.
* Worked with the organization, which are having U, U2, S, R Stamp certified companies and having very good hands on experience on Pressure Vessels, Reactors, Cock Drum and Column etc.
* Familiar with ASME Sec II, Sec V, Sec VIII, Sec IX, ASME B31.3, API, TEMA, ASTM, AWS D1.1 & IBR.

**ADDITIONAL COURSES**

* QMS ISO (9001:2015) – Quality Management System Training.
* ISO 45001:2015 – Occupational Health & Safety Management System Training.
* Completed Non- Destructive Testing courses.
	+ Visual Testing Level-II
	+ Radiography Testing Level-II
	+ Ultrasonic Testing Level-II
	+ Magnetic Particle Testing Level-II
	+ Liquid Penetration Testing Level-II

# CAREER CONTOUR

**JUNE 2011 to Present - Surveyor**

* Inspection of Heat Exchangers, Pressure Vessels & vacuum system for various clients like ESSAR, TECHNIMONT, TECHNIP, VEDANTA, IOCL, IFFCO, KRIBHCO, GNFC, KPCL, RIL, L&T & ADANI etc at various vendor places like Patels Airtemp. Mazda, Aero Engineer, Anup Engineering, Praj Industries, Chem Process, Loyal Equipment etc.
* Inspection of Tubes CS/SS Intended for project at Suraj stainless Steel, Sainest Tubes, HMTL, Maxim, Ratnamani Tubes etc.
* Inspection of strainers, filter housing at flair filters strainers, Gujarat otofit, Bhagwati filter & filter concept.
* Witnessed Chemical & Mechanical testing as per code/testing method/spec. requirement at different testing laboratories like Metheat lab at Baroda, Divine Lab, Test well Lab. & Meta Lab A’bad etc.
* Witness/Review of welding procedure specification, welder or welding operator qualification for all type of material Carbon steel, Stainless Steel, Duplex, Super duplex, Monel, Inconel dissimilar metals welded to each other as per ASME SEC IX & AWS D 1.1
* Inspection of Rotary Equipments like Pumps, Reciprocating Compressors, Blowers, Fan intended for Technip, L&T, BPCL, Siemens, Lanco, EIL, RIL, Dresser Rand etc. at various vendor locations like Patels Airtemp, SPX Flow Pump, Leak Proof Pump, Patels Airflow & C B Doctor, ACME, TLT, TMVT etc.
* Inspection of Valves of Various Sizes, Types and Classes indented for Industry Majors Like IOCL, L&T, HPCL, BPCL, TOYO, LINDE, ONGC, Technip, ESSAR and Export Orders at Flowchem Industries, Oswal, Nutech Valve, Steel Strong Valves, Hawa Valve etc.
* Inspection of FRP Tanks at EPP Composites Pvt. Ltd. Rajkot.
* Inspection of STS cranes component at Anupam MHI at Nadiad, pre commissioning inspection of crane at Pipavav Site & Final Inspection of crane at Turkey Asyaport.

**Major Project Handle in India, Ahmedabad:**

**Project: Petrobras Brasil at L&T Hazira.**

* Handle PetrobrasBrasil Project at Larsen & Toubro Ltd Hazira works for the manufacturing of HDT reactor and Coke drum as per Petrobras stringent specification.
* All the inspection activity and PTC testing witnessed as per QAP, codes & specification.
* MOC: SA 336M Gr. F22V with SS 347/SS317 Overlay for reactor & SA 387 Gr. 11 CL 2 with SS 410S Cladding for Coke drum.-Size:- Reactor 4900 I/D X 153 MM THK X 28527 O/L, 4900 I/D X 149 THK X 32747-Coke drum

: 9000 I/D X 33260 O/L - 8900 I/D X 29660 O/L

# Project: Zwatika at L&T Hazira.

* Handle ZAWTIKA Project at Larsen & Toubro Ltd Hazira MFF works for the manufacturing of Piles as per Zawtika General Specification & AWS D1.1 Structural welding code.
* All the inspection activity and PQR testing witnessed as per QAP, codes & specification. MOC:- S355 for piles

# Project: MUNDRA LPG TERMINAL Project ADANI

* Material: LTCS SA 537 CL1, SA 350 LF2, SA 333 Gr.6 Pipe and SA 334 Gr.3 for Tube, Tubeshseet SA 765 Gr.3, SA 320 Gr. L7 & SA 194 Gr. 7 for Bolt Material.
* Equipment Name: Propane Flash Condenser, Butane Flash Condenser, Propane & Butane Heater etc.
* EPC - KPCL & SIMON INDIA LTD.
* Performed Inspection activities for Pressure Vessel and Heat Exchanger as per ADANI stringent requirement

w.r.t Specification, Procedure, MQP and drawing.

# Project: Graham Corporation for HPCL Mumbai at Chem Process.

* Heat Exchanger Size: 1676 mm ID X 16 mm thickness X 7899 mm Length.
* Material: SA 516 Gr. 70, SA 240 UNS 32205, SA 266 Gr. 4, SB 265 Gr.2, Tube Material- SB 338 Gr.2
* Inspection activities performed for 1st & 2nd Stage Inter and After condenser with tube side clad material Duplex & Titanium Material.

# Project: Mfg. Patels Airtemp India Ltd.

* Inspection for Air cooled Heat Exchanger for MNGL Project.
* Inspection for Over head Neptha Air Cooler for CDU/VDU Revamp project at GGS/HMEL Refinery.
* Inspection for lean Amine Water Cooler for CDU/VDU Revamp project at GGS/HMEL Refinery.

# Project: Wandoan South – Columboola and Columboola – Western Downs Transmission Line project

- Inspection activities carried out for 275 KV Wandoan South – Columboola and Columboola – Western Downs Transmission Line project for client JOHN HOLLAND PTY. LTD. AUSTRALIA at KPTL Gandhinagar.

- Surveillance of inspection activities for tower parts & stubs like Mechanical testing (Tensile & Impact), manufacturing process, fit-up, dimension & visual.

# Project: ASYAPORT STS Crane Project Client: Terminal Investment Ltd.

- Super Post Panamax Containers Handling Cranes ( 22 Rows, 24 Rrows & 13 Rows)

- Capacity: Under Spreader – 65 MT

* Under Hook – 75 MT
* Rail Span – 30.48 meter
* Outreach – 63 meter
* Backreach – 20 meter
* Trolley Travel Total – 113.48 meter
* Power supply – AC 11 KV / 3 Phase / 50 Hz
* Structure and sub-structure MOC: S 355 J2,JR
* Applicable Standard like ASTM, EN, DIN, ISO & FEM
* Inspection Activities carried out as per MQP, FQP, FITP, Techanical Tender Specification and approved drawings at Nadiad works, PDOECL/Pipavav site &Asyaport site –Turkey

# Project: Compressor for De-bottling of GCPTL Marine and Onshore Facilities. Mfg.: Dresser Rand

- Inspection of Reciprocating Compressor package, NLMRT of Compressor, Lube oil system, cooling water console, P&ID verification, MTC for Compressor components Crank case, Crank Shaft, Connecting rod, Cylinder, Piston, Piston rod, Cylinder Head, Cross head, Distance Piece etc.

**26th June 2009 to 25th June 2011. – QC Engineer**

* Co-ordinate with third party inspection agencies like EIL, CEIL, TUV, BVIS, DNV, Lloyd’s
* Preparation of QAP as per product specification, approved drawing , MR.
* Inspection and identification of material & maintain records as per ISO/U-STAMP requirements.
* Inspection and checking the dimension like plates, pipes, tubes, forging, fitting and manufacturing stages on jobs.
* Maintain records for all inspection activity & prepare final documentation for QC dossier.

**01st Feb 2009 to 20th June 2009. - QC Engineer**

* Handle the process piping (MOC–SA 516 Gr. 70 + clad SS410) BORL project under EIL inspection.
* Managing and taking care of preheating & post heating on weld joint as per WPS/PQR
* Perform NDE testing like RT, UT, PT on welding as per code & client’s requirement.

**01st Oct. 2007 to 31st January 2009. – Production Engineer**

* Managing the workmen for achieving the periodic production target.
* Planning & executing the shop floor operation.
* To manage all day to day activities pertaining to the quality department right from the In-coming of raw material till the Readiness of the final inspection.
* Manage calibration of various mechanical instruments & welding machine

**27th September, 2005 to 29th Sept 2007 – Trainee Engineer**

- Work as training engineer under guidance of senior engineer in various Waste water treatment plant.

# ACADEMIC

* + B.E Mechanical Engineering from Sankalchand Patel Engineer College, Visnagar, North Gujarat University, Gujarat in June 2005 with 67% marks.
	+ H.S.C from G.S.E.B., Gandhinagar in MAR-2001 with 76% marks.
	+ S.S.C from G.S.E.B., Gandhinagar in MAR-1999 with 88% marks.

# PERSONAL INFORMATION

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Date of Birth : 13 June 1983

Languages Known : English, Hindi and Gujarati Marital Status : Married

Passport Detail : valid till 29th January 2022 (Place of issue: -Ahmadabad)

Nationality : Indian

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