

Curriculum Vitae



PROFESSIONALISM:

Inspection/QA/QC Engineer
B.E Mechanical
CSWIP 3.1 INSPECTOR
ASNT LEVELII(RT,PT,UT,MPT)

Contact Number:

+ (91) 9096610872

Email:

tusharp657@gmail.com
tmpatil21@gmail.com

CURRICULUM VITAE

TUSHAR MARUTI PATIL

E-Mail: tusharp657@gmail.com; **Contact:** (+91)9096610872/8591449029

Permanent Address: 19/A/202,best qtrs.,mhada chandivali,sakinaka,mumbai-400072

Mechanical Engineering - Quality Control & Assurance and Inspection & Testing

PROFESSIONAL SUMMARY

- A result oriented & competent professional with **nearly 7 years and 5 month** of experience in managing operations related with **Quality Control & Assurance and Inspection & Testing**.
- **Currently associated with Al muzain ,Al Jubail,Saudi Arabia as QA/QC Inspector.**
- Well versed **with welding process GTAW, SMAW, SAW, FCAW, etc.** Adroit with the quality standards, documentation and implementation related works.
- Proficient in handling process / quality plan and reviewing analytical documents, SOPs, general test procedures, protocols and their summary reports. Handling the final product approval at final inspection stage.
- Adept at conducting various tests and inspection for various processes and checking quality standards of final goods at suppliers' end. **Qualified with B.E. (Mechanical).**
- Excellent interpersonal and troubleshooting skills with ability to simplify complex issues.

CORE COMPETENCIES

- Taking stringent quality measures to ensure compliance with various quality standards. & customer requirements.
- Organising QC meeting with subcontractors and clients inspectors.
- Defining specifications of equipment / materials / manpower and arranging for the same for timely execution.
- Experience in vendor development and third party inspection services.
- Supporting activities and areas in department with guidelines of HOD - QC wherever and

CURRICULUM VITAE

whenever it's required.

- Submitting raw material reports to the customers and taking clearance. Preparing dimension reports & quality related documents as per customer requirement. Preparing procedures specification and qualification records.
- Ensuring adherence to quality standards for all incoming materials / bought-out items.
- Conducting internal quality system standards and holds distinction of implementing quality management systems.
- Monitoring and controlling process through appropriate statistical techniques.

PROFESSIONAL

- **Since 15th june 2019 to 15th December 2019 with Electromech Engineering Enterprises(EEE) as Inspection Engineer.**

Key Deliverables

- Plan and perform inspection /verification activities at vendor /supplier location to meet contractual obligation
- Adhere to Department /group work instruction and Quality manual.
- Review Material Test Certificates (MTCs, and carry out material identification .Witness Lab testing as per requirement).
- Witness/Review Welding Procedure Specification (WPS) ,and Welders qualification .
- Witness/ Review NDT (Non-Destructive Testing) as per ITP .Verify Procedure and personnel employed for carrying out NDT /other tests are qualified .
- Carry out dimensional check and witness Hydro/Pneumatic/Leak test /Performance test/ Mechanical Run test as applicable.
- Ensure the timely completion of all inspection activities as per Purchase order , Project specifications ,designs ,drawings and requisitions for areas of responsibility assigned .

CURRICULUM VITAE

- Carryout shop expediting activities and follow-up action as per customer requirement.
- Identify and report non-conformity in accordance with working instructions.
- Issue Quality Control Report /Shop Expediting Report / Inspection Release certificates as per project procedure.
- Close out CR (Concession request & NCR (Non- Conformity report) issued to suppliersPlease mention.
 - **1st October 2017 to 14th June 2019 & again from 16th December 2019 to 3rd March 2022 with Omniscient Process Equipment, Navi Mumbai as Quality Assurance & Control Engineer.**
 - **6th June 2015 to 15th September 2017 TRIOFAB (I) Pvt. Ltd., Mahape, Navi Mumbai as Quality Control Engineer**

Key Deliverables

- Preparing & reviewing documents such as ITP's as per client's specific requirements, WPS, PQR, WPQ, procedures /work instructions, drawings, datasheets, inspection reports, calibration certification of quality instruments & welding equipments, preparation of final MDR's, etc., as built drawing with design engineers.
- Conducting detailed inspection for pressure vessels, piping, deaerators, heat exchangers, channel, structural as per ASME SEC. VIII Div. I, SEC. I, SEC II A, B, C, SEC V, SEC IX, B16.5, B16.9, B16.11, IBR 1950, NACE Standards, etc.
- Inspecting material identification, MTC review, (as per BS EN 10204-3.1, 3.2, etc.) dish ends inspections witnessing, welders qualifications, in process inspections such as witnessing fit ups, back chip DPT, in process welding, RT reports, nozzle & other attachments fit ups, hydro testing of vessels / piping, air testing of rf pads, rubber lining inspection, stress relieving (PWHT, and NORMALIZING), internal & external blasting & painting inspection, and ASNT Level II in RT, PT, and MT.
- Dealing with AI, clients, third party inspectors (Agencies like - EIL, TPL, BV, TUV Nord, Lloyds, Demset Ballestra india pvt ltd, Toyo Engineering india pvt ltd, Chempro India pvt Ltd and QUEST) for purpose of inspection & documentation work (Sample Witness, Inspection Released Note, etc.).

CURRICULUM VITAE

- Since 6th March 2022 to still working with Almuzain Gulf Saudi Contracting Company ,Shutdown & Turn Around (TA) Maintenance Contracting Company in Al Jubail Saudi Arabia as QA/QC Inspector.
- Project Handled(On shore Shutdown /workshop worked) -
 1. Company Name- Tasnee,Al Jubail Saudi Arabia(LDPE Reactor Line).
 2. Company Name- Saudi Chevron, Al Jubail Saudi Arabia(Hot & cold line Gas flare line line).
 3. Company Name- Al Bayroni, Al Jubail Saudi Arabia(NH3 convertor, column, storage tank, R Stamp Job).

Key Deliverables

- During workshop activities, dealing clients, third party for purpose of inspection & documentation work (Sample Witness, Inspection Released Note, etc.)
- Preparing & reviewing documents such as ITP's as per client's specifications.
- Inspecting material identification, MTC review, (as per BS EN 10204-3.1, 3.2, etc.) , in process inspections such as witnessing fit ups, back bevel DPT, Final Weld Visual in process welding, nozzle & other attachments fit ups, hydro testing of piping as per B31.3 process piping.
- Prepare WQT activities in workshop(all welders should qualify in 6G Position) & explained welding guidance procedure before performed WQT.
- During shutdown activities , witness inspection activities & offer to client inspector as per approved ITP.

- **Material Handled**
- Austenitic stainless steel-SA240/SA312/SA182/SA479/SA403 GR 304/304L/316/316L/310/347
- Duplex Stainless steel- SA240/SA312/SA182/SA479/SA403 GR 31803/32205
- Boiler Quality /Low Carbon Steel- SA516 GR60/70/SA105/SA106 GRB/SA234 GR WP B
- LTCS- SA 350 GR.LF2/SA333 GR.6/SA420 WPL6
- Low alloy steel- SA387/SA335/SA182/SA479/SA403 GR .5,9,11,22,91.
- EN STD Materials- EN10028-7 GR 1.4301/1.4307/1.4401/1.4404/ P265GH/P245GH

CURRICULUM VITAE

Sr No	Company Name/client	Project	qty	Inspection By
1	Triofab (I) Pvt Ltd Client-SHAHD EPF Development(oman)	Test Seperator/ Production Seperator	12 nos	Applus Velosi Bureau Veritas
2	Omniscient Process Equipment Pvt Ltd Client- UPL Jhagadia- Gujrat, Asian Paints	Reactor with agitator Assembly	9 nos	TUV India Pvt Ltd
3	Client-Vinati Organics Ltd-	Distillation Columns	6 nos	Toyo India Pvt Ltd
4	Client-Desmet Ballestra India Pvt Ltd Adani wilmar Ltd	Acid Reactor Continuous Heater Bleacher Deodorizer Heat Exchanger (fixed type with stack, U bundle removable)	Regular basis	Desmet Ballestra India Pvt Ltd Adani wilmar Ltd Lloyds Register
5	TPI-Electromech Engineering Enterprises	Various Equipments Under different client		Clients -Pidilite, SRF Ltd, SI Group

Familiar Codes & Specifications:-

1. ASME SEC V- NDT EXAMINATIONS.
2. ASME SEC II PART A, C(MATERIAL SPECIFICATIONS, SPECIFICATION FOR ELECTRODES, FILLER METALS & WELDING RODS).
3. ASME SEC VIII DIV 1 & 2 (RULES FOR CONSTRUCTION OF PRESSURE VESSEL, DIV 1 & 2).
4. ASME SEC IX-WELDING QUALIFICATIONS.
5. ALSO FAMILIR WITH VARIOUS EN STD SPECIFICATIONS WHICH INCLUDE ISO 15614-1(WPS QUALIFICATION), BS EN ISO 9606-1(WQT).

CURRICULUM VITAE

6. B31.3 PROCESS PIPING.

Technical Profile:-

1. B.E MECHANICAL PASSED OUT IN YEAR 2015.
2. ASNT NDT LEVEL II.
3. CSWIP 3.1 INSPECTOR (Certificate Number-449683)

Computer Literacy: MS Word,Excel,Powerpoint , Outlook, Autocad

Education Qualification

B.E MECHANICAL	Kolhapur University	2015
HSC	Maharashtra State Board	2010
SSC	Maharashtra State Board	2008

PERSONAL DETAILS

Date of Birth : 21st April 1993
Nationality : Indian
Marital Status : Single
Passport Details : P2356633 (EXP DATE- 31/08/2026)
Linguistic Abilities: English, Hindi and Marathi.
Hobbies : Playing cricket, solving sudoku.

Sincerely,
Tushar M Patil