

CURRICULAM VITAE

SK JULKAR NAYAN
B. Tech (Mechanical)

Experience: 11 Years.

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PERMANENT ADDRESS:

Barbaria, Chanserpur,
Tamluk, Purba Medinipur,
West Bengal, India- 721653

EXPERIENCE PROFILE:

Having above **11 Years** of Experience as a Site Engineer/ Lead Engineer/ Inspection Engineer / Project coordinator/ Coating Inspector/ Project Management Consultant in the field of Petrochemicals, Refineries, Oil and Gas Plants, Cross Country Pipe Lines, Shut down Jobs and Vendor inspection in various Projects with various Clients Coordination and Requirements.

CAREER OBJECTIVE:

To be a self-motivated next generation leader with the ability to adapt to rapidly changing technologies and environments with a strong desire to undertake challenging jobs and to work with the team to achieve the goals of an organization.

ACADEMIC QUALIFICATION:

- **Bachelor of Technology in Mechanical Engineering (2011)** from Haldia Institute of Technology, West Bengal-**7.0 CGPA**.
- **Diploma in Mechanical Engineering (2008)** from West Bengal State Council of Technical Education -**70%**
- **Higher Secondary Examination-XII (2005)**- from West Bengal Board of Secondary Education- **53%**.
- **Secondary Examination-X (2002)**- West Bengal Council of Higher Secondary Education-**72%**.

WORK EXPERIENCE:

Name of the Employer	Position	From	To	Durations
TRACTEBEL Engineering Pvt. Ltd.	Spread In-charge (PMC)	31.12.2018	Present	4 Years Running
IRCLASS Systems & Solutions Private Ltd.	Engineer-QC	16.01.2017	26.12.2018	2 Years
Thermo systems Pvt. Ltd.	Site Engineer	25.07.2014	13.01.2017	2 Years 6 Months.
IOT Infrastructure & Energy Services Ltd.	Assistant Engineer	01.08.2012	19.07.2014	3 Years 4 Days.
	Graduate Engineer Trainee	15.07.2011	31.07.2012	

PROFESSIONAL QUALIFICATION:

- Certified Paint & Coating Inspector Level I & II- (**SSPC -The Society for Surface Protective Coatings India, Mumbai**).
- ASNT LEVEL II: RT, DPT, MPT, UT (**Megasonic Technical Services-Mumbai**).

TRAINING:

- Basic computer course in **Webel Informatics Limited, Kolkata**

ACADEMIC WORKS:

Project: Method of choosing the right option by using a management problem called MCDM (**Multi Criteria Decision Making**).



VOCATIONAL TRAINING:

- Conventional & Nonconventional machining Technology along with 2D Drafting from **Central Institute of Plastic Engineering & Technology-CIPET Haldia, West Bengal**
- Manufacturing & supplying of commercial heavy-duty vehicle from **URAN India Limited, Manufacturing Unit, Haldia, West Bengal.**

EMPLOYER PROFILE:

1). TRACTEBEL ENGINEERING PVT.LTD

PROJECT: COATING REFURBISHMENT WORK FOR OIL PIPELINE (575 KM) IN THE STATES OF ASSAM, WEST BENGAL, AND BIHAR (INDIA).

JOB RESPONSIBILITY:

- Overall responsible for site execution work, project management, Quality function of coating refurbishment work for cross country underground product pipeline.
- Attend and Lead Project Review / Progress meetings with Client, Other stake Holders and Management.
- Ensure effective communication/coordination with Client and other stakeholders.
- Site survey for studying the ROW and existing station facilities as per the scope of the project, understanding the existing terrain and conditions, getting familiar with the expected working conditions and a thorough understanding of the project scope of work.
- Studied all the Engineering documents, including Drawings and Procedures and understand the technical requirements of the work.
- Trenching and excavation in the designated section Pipeline segment expose the existing buried pipeline, carry out required engineering measurements including pipe thickness, removal of existing coating, surface preparation of the pipe for application of new coating, application of new coating as per procedure, back filling of the trench and restoration of the site.
- Inspection of the steel surface for any pitting and reduction in wall thickness.
- Repaired of defective pipeline sections using full encirclement welded sleeves.
- Monitored Environmental conditions (Relative Humidity, Dew Point, Pipe Surface Temperature, Atmospheric Temperature) before Surface Preparation.
- Checked of profile of the blasted surface by using profile gauge & Press-O-film replica Tape.
- Ensured all abrasive blasting and coating activities are carried out as per the contractual requirements and specification guidelines.
- Inspection of Primer application & WFT.
- **Type of Coating:**
 - A) 3 ply / 2 ply cold applied tape coating system comprising of three layers: primer, inner anti-corrosion tape(3ply) and outer mechanical layer(2ply)
 - B) Visco-elastic coating - Self-healing monolithic polymer wraps cold applied coating system comprising of two layers:
 - C) Petrolatum based cold applied coating system comprising of three layers: primer, inner petrolatum tape, outer mechanical layer to be applied by hand.
- Inspection of Dry Film Thickness (DFT), Peel test, Holiday test after coating application.
- Inspection of TLP during installation at different locations.
- Supervised & inspection of Casing maintenance work at different location.
- Review & approval to quality assurance plan (QAP) or Inspection test plan (ITP) for coating application.
- Provided solutions for client's problems without sacrificing the standards for quality and while maintaining the production schedule.
- Leading and undertaking inspections and investigations where required, reporting, and implementing lessons learned and improvements.

2). IRCLASS SYSTEMS & SOLUTIONS PVT. LTD. (SAFESS)

PROJECT:

1. Periodic Testing of **Horton Sphere** as per SMPV PESO Rule 1981 at **Total Energies-Mangalore, OPaL Dahej, ONGC Ankaleshwar CTF Plant, GAIL Uttar Pradesh, HPCL Mangalore, IOCL BGR.**
2. Periodic testing & Inspection of **LPG Vessel, Mounded storage vessel** at different LPG bottling plant, **IOCL Raipur, IOCL Pune, BPCL Bareilly, IOCL Manmad.**
3. Hydro test of product pipeline at **MRPL Refinery, CDU unit (Shut down)**
4. Pipeline inspection at **HPCL, Srinagar & JNPT Terminal, Uran**
5. Testing & Inspection of Auto LPG Dispensing Station at different **IOCL ALDS (Hyderabad, Bhopal, Ujjain, Gandhinagar, Silvasa-Vapi).**

JOB RESPONSIBILITY:

- Read out Scope of work as per work order & prepare bar chart/work completion schedule as per tender requirements.
- Detailed understanding and working as per Project Execution documents.
- Project schedule development, maintenance, monitoring progress status and reporting.
- Ensures the achievement of assigned goals and the fulfillment of the project quality requirements and the contractual obligations.
- Site execution work of periodic statutory inspection of Horton sphere, Mounded Storage Vessel, above ground bullet according to PD 5500, ASME Sec. VIII Div.1 and IS 2825 for unfired pressure vessels.
- knowledge of Fabrication, Erection of piping, Hydro Test, inspection for modification of vessel/columns/Heat Exchangers/ tank & Horton sphere.
- Internal inspection of vessel/ columns/ heaters/ heat exchangers/ reactors, etc. in the Refinery and Petrochemical plant.
- Attended inspections in both site and shop, as and when required.
- Reviewed of all the documents, scope of works, special criterions and after necessary alteration, support the same to the surveyors accordingly.
- Reviewed of all the inspection related documents and ensure the correctness of them before submitting to the client. Handling the technical issues. Review of various test certificates.
- Raised Non-conformance reports as seen during inspection and follow-up on status of rework and close-out. Arrange for proper NDT requirements as per specifications.
- NDT Inspection during Statutory Periodic Testing of Horton LPG Sphere, Mounded bullets, above ground bullet as per SMPV rules.
- Verify in process inspection, final inspection, and welding. Carry out Welding control and inspection. Prepared and maintain Welding Audit Report during construction.
- Executed contract in all respect and giving invoice intimation to the accounts team.
- Coordinating with different clients, vendors/manufacturers & surveyors and arranging inspections.

3). THERMOSYSTEMS PVT. LTD

PROJECT:

1. Construction of Fire Water Tank & Piping Lay-Out for Fire Water Lines at **HPCL, Bareilly Terminal.**
2. Tank Modification Works at Ajmer, **HPCL Depot, MBLal Projects**
3. LSTK-5 HVLRM with Centralized foam storage & Pumping system for External floating roof tanks at **Numaligarh Refinery Ltd. Siliguri Marketing Terminal.**
4. Product Piping and Mechanical erection along with associated Civil & structural, Electrical & instrumentation works at **HPCL, Durgapur Terminal.**

JOB RESPONSIBILITY:

- Execution of project construction as per drawings, priorities, and specification requirement.
- Site management and coordination with client, PMC & all vendors.
- Handled all project individually at site and managed site team.
- Keep coordination with supervisor and vendors for raw materials and work progress, drawings modification, field change order, deviation request and change of material as per modification and service requirement
- Raw material inspection: Visual, dimension, verification of correctness, identification, and correlation with manufacturer's test certificate & QAP.
- Keep priority to Safety as per job requirement & delivered TBT at site.
- Carrying out inspection of material, fit-up and welding as per, ASME section II Part-A, ASME section II Part-C, ASME section IX, API 650 & API 620, ASME B31.3, & ASTM standard.
- Carry out physical verification for plate, pipes, fittings, flanges, and valves as per purchase order and physical, chemical properties as per code and specification requirement.
- Ability to execute piping & tankage fabrication & erection as per drawing and specification requirement
- Ensured proper preheating and monitor welding parameters during welding.
- Inspecting radiography and hydro test of pipes and preparing relevant reports.
- Necessary NDT such as Hydro test pressure testing, Pneumatic testing, penetrates testing and Radiographs, Hardness testing as per the applicable specification.
- Coordinate among Projects, Engineering, Procurement, Construction, Vendors, Contractors & Operations for smooth & efficient start-up & commissioning

4). IOT INFRASTRUCTURE & ENERGY SERVICES LTD.

PROJECT:

1. Installation of flare system for Diesel Hydro Treating Unit at **HPCL Mumbai Refinery.**
2. Construction of Petroleum Storage Tank **at IOCL Jharkhand, Khunti terminal:**

JOB RESPONSIBILITY:

- Learned basic parameter of site work & project management, ie, Execution, Quality & HSE & familiar with project documents & all inspection report.
- Read out the tender documents and scope of work related to project work.
- Familiar with drawing (GA, P&ID & Isometric) of project work.
- Raw material inspection: Visual, dimension, verification of correctness, identification, and correlation with manufacturer's test certificate & QAP.
- Learned different welding positions, WPS and performance qualification record.
- Learned different Welding processes, Shield metal Arc welding, Gas tungsten arc welding etc, witnessed Welder Qualification Test with Client & PMC.
- Ensured proper preheating and monitor welding parameters during welding.
- Carryout visual inspection of root run, 2nd pass, 3rd pass as per WPS.
- Knowledge with ASME section II Part-A, ASME section II Part-C, ASME section IX, ASME section V & ASME B31.3
- Inspection of Fit up and weld visual of pipes and preparing relevant reports.
- Inspection of Surface Preparation & Painting of Pipes, Plate & structure and checking its WFT & DFT as per specification.
- Familiar with PWHT, radiography & Hardness of weld joint and hydro test of pipes and prepared relevant reports.
- Carrying out inspection of material, fit up, welding, as per ASME sec II, part A & C; ASME sec IX; API 650.
- Reconciliation of material after completion of project.

PERSONAL DETAILS:

- Father's Name : Late SK Mote Sen Ali
- DOB : 4th July 1986
- Gender : Male.
- Marital Status : Married.
- Nationality : Indian.
- Present Location : Assam, Bongaigaon.
- Language Known : English, Hindi, Bengali.
- Aadhar Number : 508269533376
- Passport No : Z6269714
- Date of expire : 08.08.2031

STRENGTH:

- Effective team player with good communication and interpersonal skills.
- Ability to initiative in a Challenging work environment.
- Capable of handling responsibilities individually.

[I hereby declare that the above-mentioned details are true to my knowledge.]

Place: Assam

Signature:

J. Rayan