



VIKAS MUNDI

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Targeting senior level assignments in
Fabrication & Erection
with a preferred organization of repute in EPC's for Oil & Gas | Petrochemicals | Fertilizer Industries

SKILL SET

Fabrication & Erection
Welding Inspection
Quality Assurance
Project Execution
Client Servicing
Safety Operations
Reporting & Documentation
Man Management

ACADEMIC DETAILS

- **B.E. (Mechanical Engineering)** from Shri Ram College of Engineering & Management, Gwalior in 2009

PROFILE SUMMARY

- **Mechanical Engineer** with **nearly 10 years** of experience in Erection & Fabrication, Installation & Commissioning, Site Operations, Team Management with key focus on optimal utilisation of resources
- Expertise in **executing projects** encompassing resource planning, monitoring, inter-discipline coordination within stipulated time and cost standards
- Proficient in conducting tests and inspection, checking the quality standards and ensuring adherence to guidelines and regulations; in-depth understanding of **WPS & PQR** norms and **ASME & API** codes
- Comprehensive knowledge of production specifications, properties and characteristics of metals and metal alloys
- Gained experience in selection and application of **welding consumables** for various material combination and conducting testing on **heavy structural steel, piping fabrication and sheet metal work**
- Hands-on experience in interpreting **GA Drawing, Fabrication Drawing, Isometric Drawing**
- Skilled in devising & implementing safety systems, procedures to minimize occupational hazards, pollution prevention & protection of environment
- Capability to analyse responses, understand clients' needs and focus on quality, precision & punctual delivery of results

ORGANISATIONAL EXPERIENCE

Since Mar 18 - Mar 20 with Bahrain Maintenance & Diving Services W.L.L., Bahrain as Mechanical Site Engineer

Key Result Areas:

- To raise Material Inspection Request (MIR) upon arrival of material at workshop in accordance with Delivery note, approved material submittal and Material Testing Certificate.
- Arrange and execute the work to comply with Quality of approved sample.
- To raise Work Inspection Request (WIR) upon completion of work.
- To provide as built details to the Engineering Department.
- Coordinate with Third Party Inspector for NDT Test (MPI).
- To ensure structure handover to main contractor is qualifies project specification, approved for construction shop drawings and relevant document.
- Coordinate with QA/QC Engineer to get approval of material/works and information given at appropriate time to ensure overall quality of the work by proper planning required testing / inspection requirement.
- Awareness and understanding of all safety rules and regulation in company.
- Keeping a daily log of all detail work force and material used.
- Submitting monthly/weekly/daily progress reports to head of department.
- Bill of Quantities preparation based on Drawings(Where required).
- Calculation of total fabricated quantities and Preparation of client Bill as per as built site condition.
- Preparing variation order as per actual site condition.

Since Sep 16 - Dec 17 with Projex Engineers Pvt. Ltd., Indore as Mechanical Site Engineer- IOCL Depot

Key Result Areas:

- Conducting the inspection of base metal preparation, welding consumables, pre-heating, in process welding, visual weld check; interfacing during fabrication & installation process to resolve welding and inspection related problems
- Performing installation and fabrication of the equipment; conducting tests to ensure operational effectiveness

- Studying drawings, plans or patterns of structures to be made or repaired as per requirements
- Eliminating redundant / obsolete processes in the development processes and working towards value-addition
- Preparing review notes for monthly coordination meetings with contractors and providing feedback to all superiors about site activities & progress details related to erection
- Ensuring adherence to safety standards in all functional areas and implementing measures to enhance safety levels
- Managing store activities, updating inward material so as to highlight critical items in advance for performing sequential erection; listing down the resource needs for projects after considering the budgetary parameters set
- Identifying areas of bottlenecks in maintenance procedures and initiating process changes for qualitative improvement
- Executing continuous audits to ensure compliance and functioning of the process
- Providing feedback to top management based on quality audits & rendering suggestions for improvement
- Creating and sustaining a dynamic environment that fosters development opportunities and motivates high performance amongst team members

Since Oct 15 - Sep 16 with Singh Erectors Pvt. Ltd, Jamnagar, Gujarat as Mechanical Site Engineer

Key Result Areas:

- Monitored fabrication & erection of pipe spools and supports in accordance with isometrics & weld map; ensured the correct size & schedule of pipes was used
- Ensured the welders and welding consumables qualify as per WPS & PQR norms
- Complied with NDT requirements aligned with ITP & project requirement
- Tested the quality of incoming and outgoing material & generated the reports
- Examined the line of pipes to ensure pipes, fittings, accessories, supports as per drawing and specifications; ensured the valid calibration of inspection / testing equipment at site
- Evaluated hydro testing of lines and re-instatement after clearance
- Managed the production cycle to ensure work as per client requirements, conducted client meetings and ensured the production standards were met in terms of quality and quantity
- Processed the QC documents based on the approved project specific BOM

Since Feb 15 - Sep 15 with Technical & Industrial Services Company, Dammam, Saudi Arabia as Site Engineer

Key Result Areas:

- Administered the fabrication and erection activities across the site; prepared and provided weekly plan as per schedule to subcontractor and monitored the project progress
- Ensured that the fabrication & erection was executed as per drawings; coordinated with vendors as per the schedule & as per ASME & API piping related codes
- Emphasised on safe welding practices; verified and validated the calibration certification of welding machines / inspection equipment; conducted site inspection with Safety Officer and generated documentation
- Adopted strict quality measures, prepared necessary documents and conducted audits
- Optimized the processes and initiated resource mobilization to minimize direct and indirect costs on material, labor, indirect expenses and overheads
- Monitored site activities, offered technical inputs for methodologies of installation and commissioning of mechanical equipment & system

Since Oct 09 - Jan 15 with Magadh Precision & Equipments Ltd., Dewas as Site Fabrication Engineer

Key Result Areas:

- Planned, scheduled and monitored large number of projects while ensuring completion within budget and time parameters
- Maintained, implemented and modified company policies and procedures
- Raised Material Inspection Request (MIR) and inspected upon material in accordance with delivery note, approved material submittal and material testing certificate
- Ensured the stipulated quality and safety standards were maintained at the site; coordinated with site supervisors for site erection
- Monitored welds for visual defects, got the defects repaired and released for blasting & painting
- Assisted and resolved the issues in internal quality audits & client audits
- Organised weekly meetings for tracking production progress and managed inventory
- Inspected and tested the finished/fabricated product and welding machines & accessories
- Generated reports pertaining to fabrication including cutting, bending, fitting and welding activities
- Collaborated with contractor & stores across the workshop & site to ensure the usage of consumables as per the approved procedure and control wastage
- Managed EOT crane base lifting with different lifting tools and interpreted drawings like GA Drawing, Fabrication Drawing, Isometric Drawing
- Created welding techniques and procedures; applied welding equipment to troubleshoot issues with fabrication of metals

TRAINING

- Attended training on Pipe Designing & Detail Engineering from MECCI Engineers Pvt. Ltd., Noida

IT SKILLS

- AutoCAD
- MS Office Suite
- Internet Applications
- Windows OS

PERSONAL DETAILS

Date of Birth: 22nd August 1984
Address: 70-B, Ratan Colony, Jiwaji Ganj, Lashkar, Gwalior (MP) - 474001
Languages Known: Hindi, English & Marathi
Passport No.: R7544778, Valid till: 18/02/2028
VISA Details: No
Marital Status: Single
Nationality: Indian
No. of Dependants: 1
Indian Driving License: Available, valid till 2037
Bahrain Driving License: Available, valid upto 2023

(Please refer to annexure for project details)

ANNEXURE

- Fabrication, Assembly & Installation of 4-HI, 6-HI hot & cold rolling mills in multiple locations of India
- Piping system installation, testing & commissioning for service line connection to ammonia tank in Saudi Aramco refinery, & SABIC, KSA
- Piping system & skids installation, testing & commissioning for fire system, in IOCL refinery, Panipat
- Piping system & pipe racks installation & testing for fuel, steam & utilities systems, in IOCL refinery, Mathura
- Fire fighting sprinkler system, manhole replacement installation, testing & commissioning for multiple oil storage tanks in IOCL Depot, Indore(MP)
- Horizontal pressure vessel erection & commissioning, in Reliance Industries Limited, Jamnagar
- Aluminium floating dome roof, manhole replacement Installation, testing & commissioning for three storage tank, in IOCL depot, Indore
- Fabrication & Erection of walkways, access platforms, pipe racks & all other structures, in RIL, Jamnagar
- Industrial sheds structure work for oil & gas, steel & power plants, in ACCIL, Mumbai
- Fabrication of 100MT steel structure for BAPCO refinery engineering building extension project, in BAPCO, Bahrain
- Fabrication, Installation & Testing of 6" 4" 3" pipelines for Bahrain national gas expansion company field project, in BANAGAS, Bahrain