**MANISH WANKHEDE**

**Contact**: + 91 9604652342

**Email Id**: wankhede5555@gmail.com



**MECHANICAL ENGINEER - ERECTION, FABRICATION, INSTALLATION & COMMISSIONING / PROJECT MANAGEMENT**

*Seeking a challenging assignment across the Industry which provides me avenues for professional learning and makes good use of my technical skills and encourages individual growth*



**PROFILE**

Competent, diligent and result oriented **Mechanical Engineer** offering **over 15 years** of experience across the **Stee**l **Structural Erection, Fabrication, Equipment, Installation & Commissioning Activities, Site Management, Project Execution, Team Management**, currently spearheading functions as **DY. MANAGER MECHANICAL (COUNSTRUCTION)** with Proven competencies in project construction (mechanical) i.e. fabrication and erection of steel structure, erection alignment of static equip, Safety. Capable of managing the site activity as per QAP/ATP.Shurt out any short of problems with the coordination of engineering department. Also prepare the required documents during the time of project formatting as per procedure. Also highly take care of safety and quality during job execution at site. Always aware proper use of man, machine and materials in effective way .Demonstrated ability to manage material resources towards the achievement of stated targets/ objectives, to plan and manage work program and to lead, motivate and provide effective guidance to a team of professional and support staff.

Exceptional capabilities in executing technically challenging projects, within defined time/cost parameters; Excellent analytical and conflict resolving skills with managerial strengths in synchronizing **team efforts to catalyze work execution to specified quality standards.** Possess strong techno-commercial acumen in interacting with the **Vendors, sub-contractors for preparing BOQ & Investing the Materials and statutory bodies** to ensure smooth work progress; Adept in ensuring **Safety** and observing physical conditions of work & work practices; adequate understanding in the areas of **Work Place Safety, Process Safety Management & Safety Assessment.** Personal and outgoing with strong capabilities in fostering an atmosphere that motivates highly talented professionals to balance high-level skills with maximum productivity,

**Core Competencies**

Project Execution ~ Erection, Fabrication, Installation & Commissioning ~ Operations & Technical Support ~ Strategic / Resource Management ~ Quality Management ~ Man Management ~ Resource Optimization ~ Site Management ~ Safety

**Functional Competencies**

* Welding processes like Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Submerged Arc Welding, Electro-slag welding etc.
* Various international fabrication codes such as ASME Section V (for Non-Destructive Testing), Section IX (for welder qualification)



**CAREER GLIMPSE**

**NUBERG ENGG. LTD. Oct’ 2023 - Till Date**

**Project: IOCL GUJARAT REFINARY (SRU)**

**Clint/PMC: Technip Energies LTD.**

**Location: Vadodara, Gujarat (INDIA)**

**Dy. Manager Mechanical (Construction)**

**SRR PROJECTS PVT LTD July’2022 - Oct. 2023**

**Project: GAIL (INDIA) LTD PETROCHEMICAL COMPLEX.**

**Client/ PMC: Engineers India ltd. (EIL)**

**Location: Post-User, Tehsil- Alibag, Dist. – Raigad (INDIA)**

**Asst.Manager Mechanical (HED)**

**ONSHORE CONSTRUCTION FZE, NIGERIA. June 2019- May’2022**

**Project: Dangote Refinery and petrochemical ltd**

**Client/ PMC: Engineers India ltd. (EIL)**

**Location: Lekki, Lagos, Nigeria (Africa)**

**Lead Engineer**

**Larsen & Toubro LTD (LTHE). Sept’2015- March’2019 Project1:J3 RIL Project.**

**Client: Reliance Industries Limited (RIL). (SEZ-PCG)**

**Location: Jamnagar, (INDIA)**

**Engineer**

**IVRCL LIMITED Nov’2012 – July ’2015**

**2X660MW.II nd Stage super Thermal Power Project.**

**NTPC, Mouda, Maharashtra. (INDIA)**

**Assistant Engineer**

**Khare & Tarkunde Infra Structure Pvt. Ltd. April’2011 – Sept’2012**

**GMR (EMCO Energy 300X2 MW) Power Plant.**

**Warora, Maharashtra.**

**Reliance Cement Grinding Unit Nagpur, Maharashtra. (INDIA)**

**Sr. Engineer**

**Aarti Infra-Project Pvt ltd. Aug’2008 – April’2011**

**550X2MW Super Thermal power.**

**Project, NTPC, Mouda, Maharashtra.**

**& AD Hydro Project, Himachal. (INDIA)**

**Site Engineer**

**Job Description:**

* **Compressor Shelter, Deaerator Building Structure, Pipe Rack, Polypropylene Unit (PPU), Sulphur Recovery Unit (SRU),Turbine building(TG),Coal handling Plant(CHP) Gallery , Junction Tower ,Excluder Building, Bagging Silo, Blending Silo, Reactor building Structure, Technological structure (TS), Equipment platform Structure( Pakg.structure).**
* Co-Ordinate between Site Activities & Planning Department.
* Responsible for installation & alignment of vertical and horizontal pumps (185 MT), Centrifugal compressors.
* Co-ordination with contractor & Client for Issues of resources like manpower, Tools, Drawing etc.
* Responsible for installation and alignment of silencers (150MT)
* Maintained material tracking & Handling system according to requirement.
* Installation and alignment of Static equipment's, Horizontal and vertical drum (300 MT).
* Installation and alignment of Tube Bundle and Structure of AIR FIN FAN COOLER.
* Installation and alignment of Motor and Pulley arrangements.
* Team lead of Fabrication (12000MT) and Erection (19000MT).
* Achieved 5000 MT Modules assembly erection for structural steel.
* Execution for Fabrication & Erection of Structural Steel and installation of Equipment's as per drawings and standards.
* Planning and execution of the job as per project schedule.
* Planning for major milestones & monitoring to achieve the target.
* Prepared documents for all the activities like schedules, material cutting plan, daily inspection Reports, daily/weekly/monthly report, Bill of quantity and Inspection defects on job. Etc.
* Prepared all the documents for structure alignment, bolt shearing, elevation.
* Followed proper procedure for material handling, erection & fabrication.
* Done visual inspection of welded material followed by the NDT like DPT, UT & RT tests as per welding procedures.
* Monitoring daily activities on day to day basis and meeting targets of construction schedule
* Attending the regular progress review and progress monitoring meeting.
* Well versed with Safety Procedures at Work sites to maintain “Accident Free Site”.
* Delegating day to day activities to Supervisor, foreman for execution of field activities to meet construction schedule.
* Conducted regular meetings with subordinates / sub-contractors for Progress Monitoring.
* Responsible for supervision of erection and commissioning of equipment to ensure quality and safety and providing direction and motivation to the fabrication and erection team and maintain positive working relationship with them
* Finalizing the bill of material as per drawing and maintain consumable, inventory controls, bill of contractors of mechanical Department, also planning, assigning, scheduling and organizing contractors workers and task.
* Reviewing the fabrication and erection process results ensuring timeless, quality and cost effectiveness.
* Structuring project plans, schedule of activities, budget, & cost estimates, planned, procured, mobilized, and deployed resources to deliver the projects within defined time and costliness.
* Initiating Continuous Improvement concept to enhance working practices, procedures, standards, and machine performance.
* Defining operational parameters and ensured strict adherence thereto to generate maximum operational efficiency.
* Monitoring project progress on daily, weekly & monthly basis along with generation of required reports.
* Ensuring that QA / QC procedures are implemented and records maintained across the entire course of project execution.
* Providing on-site Management and quality control to ensure projects met time and budget requirements, and were built in accordance with contract documents.
* Liaising with external agencies, clients & consultants for determining technical specifications, approvals for execution & obtaining on-time clearances. Oversee the inventory requirements and the Bill of material at tender stage
* Following the project from start to finish and make any necessary changes along the way, ensuring that the procedure is being followed while checking the safety features of the project during the time it is being completed
* Developing plans for the project to ensure effective management, including the control of site progress, resolutions of site problems, control of site meetings etc.
* Trouble-shooting of live and working systems at customer’s sites. Also providing customer support to various sites for maintenance of Systems. Maintenance Support of the system as per tender conditions.
* Managing resources to create estimates for the project, work breakdown structure, project plan, contingency plan & schedules and identifying risks within time and cost constraints
* Job Description CHP, MPH (TG Building) & Pipe Rack.
* Conscientious for Fabrication, Erection and alignment of 8000 MT steel structure for CHP, PIPE RACK, and TG &TG Auxiliaries. Read Isometric & G.A. drawings and executed the job accordingly to the specification of the Client.
* Looking Of Loop Mechanical Clearance of Utility, Process Piping.
* Co-Ordinate between Site Activities & Planning Department.
* Responsible For Loop Offer to Final Clearance for Hydro Testing
* Initiator for Heavy Structure Fabrication, Erection of TG
* Liable for Preparation of Erection Schedules & planning.
* Done Erection of miscellaneous cranes & hoists (EOT, Crane girder, Electrical).
* Done Erection and alignment of pipe rack & crane girder structure (3200 MT).
* Responsible for erection, alignment & ITPS of: -3200 MT of Piping, & 3000MT TG and its auxiliaries.
* Responsible for Carry out various stages of inspections during manufacturing Execution stages such as (Truss layout inspections, Column, truss fit ups, weld visuals, clearance for welding, drilling, DPT, R.T test, UT Test Execute, etc.)
* Fabrication of TG. Trusses, Column, Crane Girder, Internal Column & Bracing.
* TG deck Cribs alignment & erection for VIS.
* Handled Radiography Interpretation, Pipe fittings and weld visual, including all NDT related inspection.
* Job Description Pipe Rack, CHP, Silo Structure, Bucket Elevator.
* Fabrication of PIPE RACK, CHP, Silo Structure, Bucket Elevator & Erection.
* Fabrication of CHP Gallery, Junction tower, Crusher house, star column up to 37 Mtr .Box Bracing, Stair case, Roof Truss, Star Bracing, Build-up bracing, Gratings Making, portal ,praline. Checker Plate Cutting Plan, CHP Gallery Assembly Diagonal Checking, Stool For Gallery. .
* Carry out various stages of inspections during manufacturing Execution stages such as Gallery Assembly.
* Gallery erection up to 52 Mtr. With PTFT Bearing, Column, bracing, Stair case Erection.
* Fabrication of crusher house column, tie beam, bracing, portal, praline.
* Monitoring welding activities.
* Job Description Pipe Rack, CHP, Dam Gate & Screw Hoist.
* Fabrication of PIPE RACK, CHP, TG Structure, and Screw hoist, Radial Gate, Flashing Gate, Steering Rack & heavy Structural Fabrication.
* Pipe rack Module Assembly, Diagonal Checking and Erection Procedure.
* Carry out various stages of inspections during manufacturing Execution stages such as (Gallery inspections, Column, truss fit ups, weld visuals, clearance for welding, drilling, DPT, R.T test, UT Test Execute.)
* Radial Gate Plate Cutting Plan, Bed Layout, Bed Alignment, Fit up & monitoring welding activities



**ACADEMIA**

**Diploma Mechanical, 2009**, MSBTE (Maharashtra), India.

**HSC, 2003,** Nagpur, Maharashtra, India

**SSC, 2000,** Nagpur, Maharashtra, India



**DOB :** 13th June, 1984

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**Address :** Flat No. 101 A wing Shrushti Enclave Shriram Nagar Dighori, Nagpur, India

**Passport Number :** Z3173795, Valid Up to 04/2025

**Languages Proficiency:**  English, Hindi, Marathi

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My resume is enclosed for your review and consideration. To describe myself in a nutshell, I am a qualified **Mechanical Engineer** offering **over 15 years** of experience across the Structural Erection, Fabrication, Installation & Commissioning Activities, Site Management, Project Execution, Team Management, and currently spearheading functions as **DY. MANAGER (COUNSTRUCTION /MECHANICAL)** with

My basic objective is to hone in my skills for comprehensive personality development and be an epitome of trust and reliability in the corporate world. My prime goal is to understand professional environment and capitalize on opportunities.

Professionally I am looking for an opportunity that will help me utilizing my skills in the above areas. My detailed resume is enclosed herewith for your kind perusal and consideration.

I am confident that you would find my strong initiatives and commitments to excellence coupled with demonstrated experience and exposure ideal for the position.

I would welcome a personal meeting to further discuss your requirements and my ability to meet the same.

Thanking you for your consideration and forthcoming response.

Yours Sincerely

**Manish Wankhede**