



MAHADEV SHINDE

MASTER'S IN MECHANICAL ENGINEERING WITH 20 YRS EXPERIENCE IN
PIPELINE / PIPING DESIGN & ENGINEERING

Core Competencies • Project Management • Engineering Management • Project Planning/Estimation • Site Co-ordination • Vendor Co-ordination • Piping Design & Engineering • Quality Management • Project Coordination • KPI Achievement

Software Competencies • Microstation-V8i • AutoCAD • PDMS • SP3D • E3D • SPR • Navisworks • CAESER-II • Microsoft Office

PROFESSIONAL ABRIDGEMENT

- Successful track record of 20 years' experience (including 10 years on various Saudi Aramco Projects) in executing Oil & Gas, Refinery & Power Plants Projects working as Lead Mechanical Piping & Pipeline Engineer / Senior Piping Material Engineer / Area Engineer for various engineering, procurement and commissioning firms like SNC-Lavalin Fayaz Engineering KSA, Berkeley Engineering Consultancy KSA, Mustang-HDP (Wood) KSA, Petrofac KSA, Samsung Engineering KSA, Citec India Pvt. Ltd, Structchem Engineering Consultancy India, etc. involved in Piping Design, Engineering and Construction Supports for FEED, Design Development, Feasibility Study & Detailed design engineering for Saudi Aramco, SAMREF, YASREF, Royal Commission, Farabi, SABIC & its aligned companies projects.
- Currently working with SNC-Lavalin Fayaz Engineering (SLFE) as Sr. Piping Engineer to support M.R. Al Khatalan's (Local LSTK) Detail Engineering Design, Procurement & Construction Support for Relocation of Abha-Jazan Refined Product Pipeline with Expansion of Jazan & Abha Bulk Plant Project Since 2019 to till date. Involved in Site Verification, Feasibility study of Existing Jazan Tankfarm & Abha Bulk Plant Existing Facilities, Procurement & Construction Support for above Project in coordination with LSTK & Saudi Aramco.
- Throughout the years, gained a valuable experience in Engineering, Design & Construction activities based on Technical FEED/ITB Documents, Client Standards, Procedures & Specifications, Project Planning, Scheduling, Project tracking, resolving site queries and vendor co-ordination from project proposal phase to project handover. Organize/conduct the kick off meeting, regular project design review meeting (30%, 60%, HAZOP, 90% & IFC) with client, Saudi Aramco & Construction Contractor during project execution phase. Preparation of Piping Specification, Calculations, TQs, MR, TBE and Piping Drawings. Review of NMR, Vendor Documents, P&ID, Hook-ups & IDC. Checking of Piping Deliverable as per QMS. Preparation of Spool Drawing for Shop Fabrication, Tie-in Package and Hydrotest Package based on IFC deliverables. Supervision & Progress Monitoring for Construction Contractor works. Participation of Safety Training, Lesson-Learn Sessions, Constructability Workshop, Weekly Progress Meeting, Design Reviews & Inspection Activities.

ORGANIZATIONAL SCAN

Work Duration	Organizations	Designation
Oct 2019 to till date	SNC Lavalin Fayaz Engineering, Saudi Arabia	Sr. Engineer (Piping & Pipeline)
Apr 2017 – Apr 2019	Berkeley Engg. Consultants, Saudi Arabia	Lead Engineer (Mechanical/Piping)
Sep 2014 – Apr 2017	Mustang HDP (Wood), Saudi Arabia	Sr. Engineer (Piping)
Aug 2013 – July 2014	Petrofac, Saudi Arabia	Sr. Engineer (Piping)
June 2011 – July 2013	Samsung Engineering, Saudi Arabia	Piping Design Engineer
Dec 2007 – May 2011	Citec Engineering India Pvt. Ltd, Mumbai	Lead Engineer (Piping)
July 2003 – Dec 2007	Structchem Engg. Consultancy, Mumbai	Piping Design Engineer
Apr 2000 – June 2003	Atco Industries Ltd, Mumbai	Mechanical Design Engineer
July 1999 – Apr 2000	Tancom Electronics, SEEPZ, Mumbai	Trainee Mechanical Engineer



+966 509449058



mahadevtshinde@gmail.com



<https://www.linkedin.com/in/mahadev-shinde-5a100726>

NOTABLE PROJECTS EXECUTED:

- Detail Design, Engineering, Procurement & Construction Support to MRK (LOCAL LSTK) FOR RELOCATION OF ABHA-JAZAN REFINED PRODUCT PIPELINE AND EXPANSION OF JAZAN & ABHA BULK PLANT IN-PLANT FACILITIES, Saudi Arabia.
- Detail Design, Engineering, Procurement & Construction Support to EXPERTISE (LOCAL LSTK) FOR REPLACEMENT OF NEW HIGH EFFICIENCY LIQUID/LIQUID COALESCER FILTER SKID PROJECT AT FEED & PRODUCT SURGE PLANT, Saudi Arabia.
- Detail Design & PMC Support to FARABI YANBU PETROCHEMICAL COMPANY (FYPC) FOR VARIOUS FEED SUPPLY FROM SAUDI ARAMCO & ITS ALIGN ORGANIZATION LIKE YANBU REFINERY, SAMREF & YASREF, Saudi Arabia.
- Maintenance, Optimizations, Automation & Advanced safety activity Projects, Development of FEED Package for future expansion and Construction Supports for SAUDI ARAMCO'S PETRO RABIGH COMPANY (PRC), Saudi Arabia.
- Project Proposal for SAUDI ARAMCO'S YANBU DISTRIBUTION HUB & NORTH JEDDAH BULK PLANT EXPANSION, Saudi Arabia.
- Detail Design, Engineering, Procurement & Construction Support for SAUDI ARAMCO'S UPGRADATION OF RAS TANURA REFINERY FIRE FIGHTING NETWORKS, Saudi Arabia.
- Detail Design, Engineering, Procurement & Construction for SAUDI ARAMCO'S 400 MBT GRASSROOTS JAZAN REFINERY & MARINE TERMINAL PROJECT EPC 4 & 5 (NORTH & SOUTH TANK FARM PACKAGE), Saudi Arabia.
- Detail Design, Engineering, Procurement & Construction for SAUDI ARAMCO'S CO2 CAPTURING & INJECTION FACILITIES FOR UTHMANIYAH PLANT, Saudi Arabia.
- Detail Design & Engineering for ABU DHABI CRUDE OIL PIPELINE PROJECT – HABSHAN TO FUJAIRAH (CROSS-COUNTRY PIPELINE DRAINAGE SYSTEM), Abu Dhabi.
- Detail Design & Engineering for SIEMEN'S COMBINED CYCLE THERMAL POWER PLANT at Plovdiv, Bulgaria.
- Detail Design & Engineering for ESSAR OIL REFINERY EXPANSION PROJECT, FCCU PLANT, Vadinar, India.
- Detail Design & Engineering for FOSTER WHEELER'S OIL-FIRED POWER PLANT AT IGELSTA CFB, 240 MW. 90 BAR (A), 540°C, Sweden.
- Detail Design & Engineering for WARTSILA'S BIO-POWER/ENGINE POWER PLANTS PROJECTS: PRUZHANY, ROYAL BIO-MASS, Belarus.
- Conceptual Modelling, Assembling & Drafting Details of Various Weighing Scale Model by using Pro-Engineering software like Animal Scale, Kitchen Scale, Palm Scale, India.
- Design & Modification of Fixtures for various Head Stack Assembly for various Computer hardware company like Samsung, Motorola, India.

ACADEMIC QUALIFICATION:

- Post Graduate Diploma in Piping Engineering & Design, from MIT, Pune, Year 2007, Secured 1st Class (60.97 %)
- Master of Engineering in Mechanical from VJTI, Mumbai. Year 2000, Secured 1st Class with Distinction (73.5 %)
- B.E. (Mechanical Engineering), Shivaji University, Kolhapur, 1997. Secured 1st Class with Distinction (69.01 %)
- NDT Level II Certification from BS Technical Education, Rabale MIDC, Navi Mumbai (Valid till Sept' 2024)
- Preparing for PMP Certification from Project Management Institute, USA.

PERSONAL DETAILS

Address : 603, SON, Moraj River View CHS, Takka, Panvel, Dist - Raigad-410206, India

Passport : S8731867; **Validity :** 17/07/2028; **Date of Birth:** 10/06/1976; **Marital Status :** Married



+966 509449058



mahadevtshinde@gmail.com



<https://www.linkedin.com/in/mahadev-shinde-5a100726>

ROLES, RESPONSIBILITIES & EXPERTISE

- Manage & control of site activities to ensure completion of site repair work safely & efficiently with in estimated schedule.
- Site Visit coordination with Aramco PMT/Operation & Vendor for smooth resolution of technical issues pertaining to supplied equipment's.
- Providing alternative ways to Aramco to resolve long pending issues.
- Coordination with Aramco for approved Redline Markup, Resolve TQs.
- Close out of Mechanical, Piping related PMCC & PAC punches.
- Performing cost estimation for execution of site repair work.
- Evaluation of quotations from subcontractors & negotiations to perform site repair work.
- Preparation of Piping Deliverables, Tie-in Packages & Hydrotest Package.
- Site Survey, Field Verification, Redline Markup & As-Built Drawing.
- Review and Comments on P&ID, Hook-ups, IDC & Vendor Documents / NMR.
- Extended Basic and Detail Engineering for various Refinery and Oil & Gas Projects.
- Knowledge of International codes and standards for the aforesaid activities.
- Organize kick of meeting, regular project review meeting, plot plan review meeting, P&ID review meeting, package review meetings, 3D Model review meetings (30%, 60% & 90 %) and irregular interdisciplinary meetings etc.
- Preparation of co-ordination and execution procedure.
- Establishing the communication protocol for the project.
- Implementation of change management system and to maintain the Design Change log.
- Maintaining value engineering log and Lesson Learned Log and arranging workshop for the same for motivation.
- Expediting disciplines for in timely delivery of drawings /documents as per schedule and closing Vendor print review within IDR cycle.
- Coordination for site queries at design office and arranging the War room meetings for quick solution on site related issues.
- Study & Development of Plot Plan & Equipment Layout Based on FEED Documents & Client Standards/ International Standards.
- Preparation of Pipe Wall Thickness Calculation, Piping Material Specification, Valve Data Sheets, Speciality Item Data Sheets, Safety Instruction Sheet, Line Designation Table, Hydrostatic Test Diagram etc.
- Provide Piping Design inputs to other departments.
- Coordination with other department for getting proper inputs.
- Preparation of job specification and Material requisition for quotation.
- Technical Bid Clarification & Evaluation.
- Review the Vendor drawing of Pressure Vessels, Tanks, Heat Exchangers, Loading Arms, Vapour Recovery Unit, Injection Skid, Pumps, Packaging items etc.
- Interaction with Client / Vendor at various stages of Design and Drawing approval.
- Co-ordination with team engineers to fulfil the deadlines.
- Interaction with clients to get the proper input/output as per client's requirement.
- Responsible for Floating enquiries for the Piping items such as Pipes, Fittings, Valves, Strainers, Gaskets, Stud Bolts& Nuts, Piping Speciality Items.
- Interdisciplinary coordination between team of Process Engineer, Static Equipment Engineers, Rotating Equipment Engineer, Structure/Civil Engineers & Instrumentation Engineers.
- Invoicing after milestone completion of project.
- Preparation of Job closure report.

