



# Shalin VK

## Mechanical Engineer-Projects

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**Objective:** To become a strong responsible Engineering cross functional expert in Oil & Energy sector to facilitate the organization to achieve the heights of success. Seeking a challenging position in a growth-oriented environment where education, gained skills and experience will have a valuable impact.

**Professional Summary:** A Resilient and Enthusiastic **Mechanical Engineering** graduate currently pursuing **MBA in Oil & Gas Management**, having National and International track records. Well-practiced Professional with over **4+ years** of cross-functional work experience predominantly in the areas of Oil & Gas Project management, Construction, Shop Fabrication, Production, Quality Control and Quality Assurance, Process Piping, NDT, Welding for Upstream, Midstream and Downstream Projects.

### WORK EXPERIENCE

### SKILLS & TECHNICAL KNOWLEDGE

#### Target Engineering Construction Company

Target Engineering Construction Company (an Arabtec holding subsidiary) was established in 1975 and operates through its four specialized divisions. Projects executed include a combination of Civil, Mechanical, Marine Construction, Electrical – Power and Instrumentation/Control Works and MEP works for both Onshore and Offshore based Oil and Gas sectors and the commercial sector. With more than 40 years of experience, Target has established a strong customer base comprising of Oil & Gas Sector companies major EPC contractors, Government sector Clients and well-known property developers.

#### Mechanical Engineer-Projects (Aug-2019 - Present)

##### Roles and Responsibilities

- Demonstrates ability to conceive plan, organize, coordinate, and execute multiple assigned tasks in a timely manner.
- Disseminate information to the discipline project team regarding project goals from the contract and attending internal meetings.
- Assist the Lead Project Engineer and management team in performance evaluation of fabrication scope of work.
- Assists in preparation and implementation of Project Execution Plan (PEP).
- Monitoring and implementation of execution activities and ensuring the development and review of appropriate plans, procedures, and programs for effective execution.
- Playing an Integrated Interface between all disciplines; Mechanical Process Piping and coordinate with Engineering, Production and QA/QC for smooth execution.
- Attend Weekly Progress Meetings (Internal as well as with Client) and assist in the preparation of Minutes of Meetings and alert project team for any potential problems.

Project Management	Material Management	
Manpower Management	Project Planning	
Engineering	Production	Fabrication
Piping	Mechanical Equipments	Welding
Quality Control	Quality Assurance	
ASNT Level II	NDT Testing	
Pressure Tests	Documentation	

### AREA OF INTERESTS

Oil & Gas (Onshore & Offshore) Projects		
Pre Commissioning & Commissioning Projects		
Shut Down Projects	FPSO & FSO Projects	
Operations & Maintenance	Rig Jackets	
Pipe Line Projects	Hot-Tapping	
Static & Rotating Equipment's	Skid	
Heat Exchangers	Vessels	Boilers
Storage Tanks		

- Organizing with procurement for material supply, cooperate and communicate effectively with project team members to provide assistance and technical support.
- Ensuring Piping, Mechanical fabrication and testing are carried out in accordance with Quality oriented design drawings, specifications and procedures and the contractual obligations.
- Managing and ensuring all activities on the shop floor are as per the requirements of Codes, Client specifications and good engineering practices.
- Identify material specification, inspection requirements and organize for stage inspection as required.
- Monitoring and Controlling fabrication activities like Material Receiving, Fit-Up, Welding, PWHT, Spool Release, Painting and final dispatch status and resolving technical issues.
- Amble work front and deft in Project management skills like Man hour estimation/Variation, Cost control, Project schedule, Time management, Coordination, Monitoring, Progress review and reporting.
- Liaison with Project Quality Department for aligning the project with the actual production and monitoring and closure of project quality issues & documentation.
- Coordinates with all Project related personnel (onshore and offshore) on day-to-day progress of work activities, procurement and operations to ensure timely completion of the project.
- Mobilization of Fabricated Equipment's, Spools with proper transmittal and assists in the logistics, shipment and receipt at the construction site.
- Liaise with engineering team for the completion of approved As-built drawings and ensures complete transmittal of the same to site.
- Engaging the workforce at all levels to gain commitment and understanding of the Production changes, primarily within the manufacturing arena.
- In addition to Oil and Gas Piping involved in various types of Piping like Cement lined, Cladded Piping, also works in large diameter Piping (1/2" to 72")
- Conversant with Piping, Welding and NDT standards like ASME Sect-II, Sect-V, Sect-VIII, Sect-IX, ASME B31.3 etc.
- Participate and Supports Quality audits by monitoring proper housekeeping and verify Instruments/ Equipment's like Welding Machine, re-drying, Holding, portable ovens, PWHT, PMI machines are calibrated and ensure availability of all the calibration certificates.
- Adept at keeping engineering coordination and having familiar exposure to the EPC environment.

## PROJECTS INVOLVED

### • EPC for Integrated Gas Development Expansion (IGDE-II)



The full scope of the contract encompasses engineering, equipment and material supply, construction, installation, testing and commissioning of compression, drying and gas treatment units, as well as power generation and other auxiliary services. Tecnicas Reunidas is carrying out the engineering and procurement for the project, while Target Engineering Construction Company will lead the construction and commissioning works on Das Island. The contract is valued at **AED 3.16 billion (US\$860 million)**. IGD-E-2 numbered one amongst the top 5 biggest project in the country in the present.

### • EPC for Bu Hasa Integrated Field Development Project



General construction and expansion of the existing Bu Hasa oil pad hubs, the gas lift phase II and the produced water re-injection phase I and II. The purpose of the project is to increase and sustain the Bu Hasa production plateau output to 650,000 barrels per day by October 2021. The value of Target's contract on the project has reached **AED 836 million (US\$227.6 million)**

### • EPC for Platform Modification for New Well Slots At WHP-E-BUNDUQ Offshore



Carrying out modification of Well Head Platform (WHP-E) at El Bunduq Field. WHP-E consists of 6 wells (5 producers & 1 Injector). Bunduq intends to add 3 new well slots and relocation of existing production header and test header lines.

### • EPC for PE-3 Revamp Project



The scope of work for the PE-3 Revamp Project comprises Detailed Engineering, Procurement, Supply, Construction, interfacing and integrating with existing systems, Pre-commissioning, Commissioning, assistance for Start-up and Test Runs of the complete Revamp. The purpose of the project (capacity increase) is to take care of excess ethylene that will be available after Borouge 3 comes online and to increase PO capacity.

### • Chemical trading terminal unit, J3 Project, Reliance Industries.

## Reliance Industries Limited



The *Jamnagar Refinery* is a private sector crude oil refinery owned by Reliance Industries Limited in Jamnagar, Gujarat, India. The refinery was commissioned on 14 July 1999 with an installed capacity of 668,000 barrels per day. It is currently the largest refinery in the world.

### Mechanical Engineer-Quality (Aug-2017 – June-2019)

#### Roles and Responsibilities

- Assisting Lead Quality Engineer and responsible for all QA-QC activities related to Mechanical Piping, Equipment's, Process packages, Welding etc...
- To check and monitor all Weld edge preparation, Fit-up, Welding and NDE works and ensure all final production meet in accordance with project procedure, client requirement and international standards and codes.
- Oversee to Manage, Coordinate and witnessing and evaluation of all NDT Inspections like DPT, MPT, RT/Film Interpretation and UT
- Consistent Spot-checks on shop to ensure that welding is going as per approved WPS and to check the welder continuity and to ensure Quality of weld.
- Monitoring and maintaining welder wise repair Database and taking adequate measures for minimizing repair percentage.
- Visual and Dimensional Inspection during various stages of fabrication and welding of various types of static equipment and process packages.
- Adept in Preparation, Reviewing, verification of Welding Reports, various NDT Reports, PWHT Reports and HT Reports based on Line History sheet and closing RFI on weekly basis.
- Familiar with Inspection of materials, reviewing MTC and preparation of Reports. Carrying out PQR and Welder qualification.
- Ensure Non-Conformance Reports (NCR) are raised once the activities deviated from the contract specifications. Assisting construction personnel to identify and resolve problems related to Mechanical works.
- Familiar with preparation of Test packs, Quality Documents and coordinate with client and consultant during various stages of the activities and conducting various Pressure Tests i.e., Hydrostatic Test and Pneumatic Test.
- Monitor and witness of Internal cleaning and flushing after completion of pressure tests.
- Preparation of Red-line markup & As-built drawings for shop and field welds.
- Preparation of Monthly Quality Reports

## EDUCATION

### ● Master of Business Administration (MBA)

📍 University of Petroleum & Energy Studies-India 

[ • MBA- Oil and Gas Management (2020- 2022) ]

### ● Bachelor of Engineering (B-Tech)

📍 University of Calicut, Kerala - India 

[ • Mechanical Engineering (2013-2017) ]

## TECHNICAL CERTIFICATIONS

- QA & QC Engineering, Reg:485317355
- ASNT NDT Level II (LPT, MPT, RT, UT & VT)

## LANGUAGES

	Speak	Write	Read
English	●	●	●
Hindi	●	●	●
Malayalam	●	●	●
Tamil	●		

## SOFTWARE SKILLS

- MS Office (advanced)
- AutoCAD (intermediate)
- Primavera (beginner)
- Photoshop & Google SketchUp (beginner)

## PERSONAL DETAILS

- Father's Name: VA Kunju Mohamed
- Address: Vadakkethalakkal (H) Kaipamangalam PO Thrissur-Kerala
- Nationality: Indian
- Marital Status: Single
- Passport No: R4915740 (Valid till 06-Sep-2027)
- Visa Status: Employment Visa-Transferable

## DECLARATION

• I do hereby declare that the particulars of information and facts mentioned are true and correct and complete to the best of my knowledge and belief.

**Place:** Abu Dhabi

**Date:**