

ABHISHEK GUNDI**LEAD RELIABILITY FOR OIL & GAS – EXXON MOBIL ODC - QUEST GLOBAL ENGINEERING***SENIOR EXECUTIVE MECHANICAL ENGINEER (ENGG & PROJECTS)-BASF INDIA LIMITED***SIX SIGMA GREEN BELT CERTIFIED (INDIAN STATISTICAL INSTITUTE, JULY 2017)***B.E MECHANICAL ENGINEERING (NMAMIT NITTE, VTU, 2007-2011)***OBJECTIVE**

To be a part of an up-stream/down-stream engineering sector with an opportunity to apply my technical skills & grow professionally in my career.

SKILLS/ABILITIES

- Equipment reliability & maintenance- SAE JA1012
- Green field/Brown field/CapEx projects & maintenance planning.
- Implementation knowledge of SAP Plant maintenance & Material management: FLOC, INOP, BOM, MRP.
- Application of Six-Sigma concepts & its KPI's like DPMO, Cp, Cpk, Pp, Ppk, FMEA for CI projects.
- Familiarized with ASME B31.3, 31.6 process piping, relevant API & NFPA standards.
- Well versed with process FEED, PID, PFD's & Layout diagrams, testing methods-NDT Methods (MPT, DPT).
- Implementation of ISO 9001:14001 & IATF 16949 standards and compliances, TPM concepts, Reliability-centered & Risk Based Maintenance (RCM & RBM) concepts, CAP A analysis, MTTR, MTBF & KAIZEN.
- Knowledge of JSA, Risk Assessment, Explosion protection documents & Management of change compliance.
- Developed engineering skills on rotary and static equipment's like pumps, compressors, pressure vessels, towers, storage tanks, tank farms, heat exchangers, process piping, skids and package equipment's.

EXPERIENCE**LEAD-RELIABILITY for ExxonMobil ODC at QUEST GLOBAL ENGINEERING: JULY 2019-Till date**

- Criticality Analysis and Strategy development for ExxonMobil O&G assets-Upstream and FPSO

EXECUTIVE PROJECT ENGINEER - BASF INDIA LIMITED-DAHEJ, GUJARAT: JULY 2011-2013

- Co-ordinate workflow within the engineering team, executed engineering scope, reviewed mechanical drawing content, reinforced/promoted quality and safety standards, interfaced with consultants and vendor engineering staff of projects.
- Preparing technical specifications for process plant equipment's, piping material selection, pipe thickness calculation, selection of class/ratings of pipe components sizing calculation based on process parameters (BASF/FLUOR). Perform Front end and detailed engineering activities related to skids & package units.
- Reviewing & finalizing equipment layout, piping general arrangement drawings, main piping layout & piping system design as per ASME B31.3, ASME B31.1 & API Standards.
- Liaising with government bodies & regulatory authorities (PESO/CCOE) for obtaining necessary licence.
- Technical bid evaluation of vendor documents and subsequent follow up activities. Conduct NDT's, HAZOP study & SHE review meetings with consultants and engineering disciplines.

SENIOR EXE ENGINEER- RELIABILITY CENTERD MAINTENANCE & CAPEX PROJECTS:**PROCESS PLANT & UTILITIES-BASF INDIA LIMITED, MANGALORE: 2013 – June 2019**

- Proactive/Predictive/Risk based maintenance of rotary and static equipments.
- Implementation of RCM to optimize maintenance strategy by developing CMMS in SAP
- Responsible for contractor management, planning of service related jobs, maintaining critical items (preparation of RFQ / RFP for Stationary and Rotary equipment's and the bid evaluations.
- Responsible for budgeting of CapEx for plants & utilities by identifying specific items to be included in budgets. Developing feasible engineering concepts benefiting plants and utilities.
- Lead and supervise the activities of drafting, development of PIDs, plant layouts, equipment layouts and piping isometric drawings for small in-house projects for plants to fulfill plant requirements.
- Planning and Preparation of line/material list, material take off and BOM, ordering project items & service entries by SAP.

PROJECTS HANDLED	<ul style="list-style-type: none"> • 36.5TPH & 6 Ton Gas fired (SIL 1 burner) and Bio Boiler+ Chimney commissioning. • Design and commissioning of 70KL & 50KL (100Nm³/Hr) Liquid Nitrogen Facility at BASF Dahej & Mangalore. • 65Nm³/Hr Pressure Swing Adsorption Nitrogen generation unit. • 45KW Screw compressor with dryer for Paint Booth Applications • Electrostatic & Pneumatic Paint Applicator for BASF Coatings Division as per EN standards. • Foam water sprinkler fire-fighting system as per NFPA standards for Class A/B/C warehouses. • Digitalization of Material Handling Equipments with Toyota MHE's. • 50KL vessel storage system for Toluene/ Class A chemical. • 35KL DM water plant of Ion Exchange & Wipro for CED application. • Selection and installation of Magnetic coupled pumps & Vacuum Pumps. • FEED & Commissioning of 70TR x 3 vapor compression chillers. • Commissioning of HVAC system, Fume hoods, Blowers, mills, agitators, dispersing machines for labs.
TRAININGS	<ul style="list-style-type: none"> • FPSO and Subsea equipments by ExxonMobil • Training on Process safety, occupational safety, HAZOP analysis, Root Cause analysis and P&ID basics. • Precision maintenance training & advancements in condition monitoring by SKF. • Advances in condition monitoring technologies by Pruftechnik & Aimil International Limited-Bangalore. • Training on developing P&ID's under Process safety expert & Instrumentation lead. • Workshop on SAP PM/MM module implementation at BASF India Limited.
EDUCATION	<p>Degree: B.E Mechanical- June 2011; College: NMAMIT Nitte. (Under VTU); Score: 8.14 on a scale of 10</p>
CERTIFICATIONS	<p>Problem solving using DOE, Indian Statistical Institute-Bangalore, July 2018 ISO 14001-2015: Certified Internal Auditor by Intertek: International Automotive Task Force IATF 16949-2016 by TUV India Pvt Ltd (License No: 8114361387/18) Six Sigma Green Belt from Indian Statistical Institute-Bangalore, July 2017 MS Project 2013- Course No 74.343 Design Course: Process Piping Engineering & PDMS - ASME B31.3, March 2014</p> <p>Computer Skills- Technical & Software packages SAP PM/MM Module Meridium-Criticality Analysis & Strategy Development Minitab 2014 for Statistical analysis of process data MS Project 2016 for Project planning/scheduling PDMS-Plant Design Management System for piping design of process plants Auto CAD for P&ID and Layouts, Operating Knowledge of FEA Software-ANSYS Regular use of SAP for Purchase requisition & Service Entries</p> <p>Language Skills: 1. German- A1 2. IELTS Band 7 (Speaking 7: Listening 6.5: Reading 7: Writing: 6.5)</p>