



KEYUR P TANK

MECHANICAL MAINTENANCE ENGINEER

OBJECTIVE

Aiming for challenging position in Maintenance and Operations with a growth-oriented organization of repute, preferably in soda ash/ Oil Gas/Chemicals/Polymer Plants/Manufacturing.

CAREERABSTRACT

Versatile, accomplished & goal - oriented engineering management professional with expertise in managing operations in a wide range of industrial settings. Background includes 16 years of experience in Plant Operational Maintenance (Chemical/ Soda ash Plants)..

Exhibits a strong and firm approach to sustain and encourage safe work environments, and a demonstrated ability to streamline operations.

Applies continuous improvement principles to increase process and maintenance efficiency, and company profits. Expertise in Maintenance, engineering procurement, compliance sustainability and integrity, shutdowns, project engineering, implementing plans & schedules for maintenance and annual turnaround with focus on optimum utilization of manpower and materials.

PROFESSIONALEXPERIENCE

- ☞ working out various requirements with respect to utilities, machines, manpower & monitoring overall operations for ensuring timely completion with ethical operation..
- ☞ Deploying suitable manpower, equipment, materials, and proper planning to ensure timely execution of the projects & maintenance.
- ☞ Troubleshooting and assessing Electrical and Instrumentation of Hydraulic System, different types of SOV's
- ☞ Implementing continuous improvement techniques to optimize the process units in terms of timelines and waste reduction with formalate safely policy and procedures.
- ☞ Dealing with OEMs, vendors & contractors, and arranging trainings for O&M personnel to maintain the equipment for improved productivity & reduced man related quality defects.
- ☞ Experienced in performing fabrication, erection, testing and commissioning of piping, Equipment's (static & rotary) piperack and structure of chemical plants.

Currently working as Deputy Manager Maintenance, Brownfield projects & Utilities Manager in chemical business division.

**Company: Silox ind ltd,
Vadodara**

Duration: March 2020 till Date

- Spare strategy and management, material management, SDS, TCS preparation, technical approval of material & procurement of material for brown field.
- Knowledge of steam turbine operation and it's maintenance
- Amazing capability to formulate consensus and nurture positive relationships and communicate across functional lines
- Familiarity with HVAC and masonry
- Proficient with Auxiliary Boilers, Cooling towers, Compressors(Reciprocating and screw), Condensate systems, MECHANICAL seal type Pumps and it's Maintenance
- Maintenance of MEE,TEE ,ETP plants
- Maintenance of static equipment like Heat exchanger,vessels, Distillation column.
- Coordination with cross functional teams such as Engineering/Process to complete projects timely and cost effectively. Engineering Improvement works related in safety and production uptime.
- Ensuring timely procurement and change in equipment design and selection based on previous failures and breakdown.

Previous Employment Experience

Duration	Company Name	Position	Job Description	Location
Aug 2018 to Feb. 2020	Hindusthan chemical company ltd.	Deputy Manager Plant Maintenance and Utilities	Maintenance, Procurement follow up Handling of HYDROGEN CYANIDE,SALFURIC ACID. Maintenance of plugflow reactor,heat recovery system, Auxiliary boilers,Magnic drive pumps,Brine chilling unit,SS and Glass Reactors,Ammonia compressor, Reciprocating compressor,Distillation and Absorption Column	Surat
Oct 2007 to July 2018	Saurashtra chemical ltd (Nirma Division)	Engineer Maintenance	Plant Maintenance, Manpower handling.Stationary and rotating equipment Belt conveyors, pneumatic conveying system, screw conveyors etc. Various types of Gear box , pump and piping system, PHE and Shell and tube heat exchangers , chilling system and cooling towers Fans / blowers, vacuum pumps	Porbandar

Equipment Expertise

**Rotary (Pumps, SS Reactors, Compressors, ANF, Conveyors, Horizontal kiln)
Static: (Tanks, Heat Exchangers, Distillation Columns, Scrubber System)**

JOB DESCRIPTION




To ensure Mechanical maintenance activities of Plants to maximize the uptime.

Awareness of MOC: MS, SS, PTFE, PPFRP, HDPE

Maintenance Tools Awareness: Reliability, CAPA, RCA, NDT (DP, Eddy current)

Accountabilities	Responsibilities
Mechanical maintenance for maximize uptime	To implement autonomous, corrective and Preventive Maintenance by coordination the equipment availability with process. To prepare SOP, check list, Work Instruction. To ensure spare parts availability. Troubleshooting in-case of any breakdown or stoppages due to Mechanical issues .Prepare Equipment's
Modifications activity in plant	Effective planning of Material and Manpower. Coordinate and execute the changeover plan as per the norms. Installation, commissioning, and performance evaluation of Mechanical items
Ensuring EHS compliance	Identification of hazards, unsafe acts and unsafe conditions, implementation of corrections & protection measures. Standardize practices through SOP's and Work instructions. Testing of Pressure vessels, Lifts, and tackles & pipelines through competent authority at stipulated intervals
People training and development	Training of subordinates for Mechanical maintenance practices. Prepare training effectiveness model (skill evaluation matrix) to measure the training effectiveness. Training of people for MS
Implementation of 5S, TQM and IMS	Implement 5S system. Improving quality of Kaizens. To ensure the Updating of Mechanical equipment's details. Preparation of Plant equipments Checklist, & formats for the plant
Team building	Encouraging and engaging people according to the work requirements on day-to-day basis. Leading the team through effective communication

EXPERTISE

	Mechanical Maintenance
	Maintenance Piping Engineering
	Inventory and spares management

Achievement During Professional Carrier

- Excellence -Passionate about Engineering drawing,iso ,ortho AND Engineering drawing subject 143 marks outof 200..
- Worked as Management Representative (MR) for IMS (Integrated Management System which includes ISO: 9001, 14001 and 18001)
- Development of Emergency Response Plan.
- Carrying out Safety Audit like Permit to work ,Job Safety analysis
- Coordination with Boiler Inspector for compliance and coordination related to legal and statutory compliances
- Complete certification of Project management from UDEMY platform
- Complete certification of Maintenance Management & Reliability from UDEMY platform
- Complete certification of Mastering ISO 9001:2015 QMS from Quality Gurus.inc platform
- Complete certification of Lean Six Sigma white belt professional from CERTIprof,USA platform
- attain worship & certification of CHATgpt and AI tools from be10x platform

IT KNOWLEDGE

☞ Microsoft Outlook, MSOffice (Excel, Word, Outlook)

☞ SAP-MM Module

PERSONALDETAILS

Date of Birth	22 nd March 1983
Gender	Male
Languages Known	English, Hindi & Gujarati
Marital Status	Married
Nationality	Indian
Emergency Contact	9427204030
Blood Group	B+

Current CTC 11.66

Expected CTC- As per company norms.

Notice period 2 month negotiable

CONTACT

G-503, Aksar Paradise, near
deeps party plot, Altadara,
Vadodara 390012
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Email: keyur.tank@gmail.com

ACADEMICS

2010: Diploma in Fire and safety (Distance Learning) from N.i.L.E.M Chennai 66 %
2006: B.E. (Mechanical) from C U Shah College of Engineering & Tech, Surendra nagar
University: Saurashtra University, secured first class 60.06 %
2001 12th from Navyug Vidhyalay, Porbandar, G.H.S.E.B. Secured 46%
1999 10th from, Bhavsinhji Technical high school G.S.E.B. Secured 64.14%

REFERENCES

Name Mr Daxesh goswami current organization Hindusthan chemical company ltd surat

Contact 91 9574110354

Name: Mr. Dipak pandya Current Organization: Silox ind ltd ,Vadodara Contact:+91 9727209932

Name: Mr. Dev Bharad

Current Organization: Saurashtra Chemical ltd Contact:+91 7984847731