

Mr. HARDIK M. KOTHIWALA

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OBJECTIVE

I would nourish the talent in me, which the company finds favourable for them, with the experience I gain from fellow workers. With these enhanced talents and enlightened mind, I would give my entirety to cooperate my fellow mates help the company to reach new horizons of success.

EDUCATION

B.E. MECHANICAL ENGINEER

Year of Passing: **2012**

Qualification	University/Board	Passing Year	Percentage
B.E. - Mechanical	G.T.U.	June-2012	7.56 CGPA
DIPLOMA IN MECH.	T.E.B. GUJARAT	July-2009	65.42
10th	G.S.E.B	Mar-2006	87

EXPERIENCE

Company name : Gulbrandsen Technologies India Pvt. Ltd, Jhaghdia.
Designation : **Associate - Mechanical**
Duration : 3st Sept 2018 to till now.

Company name : Ankleshwar Cleaner Process Tech. Centre Pvt. Ltd.
Designation. : **Shift Engineer - Maintenance**
Duration : Sept 2017 to Sept 2018.

Company name : Saurashtra Enviro Projects Pvt. Ltd, Dahej.
Designation : **Maintenance Engineer**
Duration : Oct 2013 to Aug 2017

Company name : Metafab Engineers, Ankleshwar.
Designation : **Trainee Engineer**
Duration : July 2012 to Sept 2013

JOB DETAIL

- ❖ Planning, scheduling & execution of **Preventive maintenance** (Monthly Basis) & **Shutdown Maintenance** of all plant equipment.
- ❖ **Condition monitoring** of rotary critical equipment.
- ❖ Handle **Breakdown maintenance** by co-ordination with Operation team.
- ❖ Root cause analysis(**RCA**) Breakdown analysis and corrective action.
- ❖ **Fabrication** and **modification (MOC)** work to smoothen the operation and maintenance.
- ❖ Documentation & Working according to **GMP(Good manufacturing practice)**, Preparation of SOP's, Work Instructions with relevant formats, respective training's to all team members.
- ❖ Awareness of **SAFETY**. Modification in plant for safe and easy working environment. Hot work, Cold work, Confined space entry & Height work permit issue and close after work completion.
- ❖ **SAP** maintenance order (IW21/IW32/IW41/KO88) and Purchase requisition creation (ME51N). Material allotment (MB21). Service entry sheet (ML81N). RGP Material Gate pass preparation.
- ❖ **ISO 9001:2015 Internal Auditor** Awareness of Quality management system as per ISO.
- ❖ Contractors **Bills & Measurement sheets** verification.
- ❖ **Techno-commercial** discussion with vendor and purchase for product & spare assurance. Indent **spares** and maintain **inventory**.
- ❖ **5S Activity**: Zone leader of Maintenance workshop (GTIPL)
- ❖ **Repair & maintenance cost budget** month-wise management & tracking daily material issues.
- ❖ **Daily report up-gradation** of PM percentage monthly & Breakdown hours tracking **MTTR, MTBF & Availability**.

❖ **Maintenance of Major rotating and static Equipment:**

- **Reciprocating pump**: Triplex type high pressure pump 250 bar and 25 LPM capacity pump.
- **Centrifugal pumps**: Antico make, Fluorolined make & Investa make various capacity pumps. Also modifications of pumps for power saving.
- **Rotary atomizer**: 13500 RPM, ATM-250S2 (Mojj engg.) rotary disc type atomizer.
- **ID & FD fans**: 72600 M³/hr capacity centrifugal blowers direct driven & belt driven.
- **Spray Dryers**: Spray chamber of SS-316L Evaporation rate 2700 Kg/Hr. Dia-7M Height-14M.
- **Heat Exchanger**: Graphite & titanium heat exchanges 15m² & 17m² Capacity.
- **Boiler Operation**: For process steam generation of 5 tons per hour with 8 bar pressure running on Natural gas.
- **Air compressor**: Atlas Copco make Z-400, 2000 CFM capacity.
- **Air Classifier Mill**: ACM 120-180 Kg/hr capacity. 750 CFM air required.
- **Bag House**: 45000 M³/Hr capacity Woven & Needle. Punched PTFE membrane type filter bags.
- **MSGLR**: MS Glass lined reactor 16 KL/Hr.
- **ANF & ANFD**: Agitated Nuts Filter capacity 9970 lit.

- - Rotary Air lock valve
- - Vibro shifter M/C
- - FRP lined reactors
- - Gear Box
- - Rotary Kiln
- - Screw Pump
- - Hoist/Hydraulic lift
- - Blender & LSS
- - Filter press M/C
- - Magnetic Pump
- - Vacuum Pump
- - Air Jet Mill
- - Steam Jet Ejectors
- - Water Cool Chillers
- - Screw conveyor
- - AODD Pump
- - Diaphragm pump
- - Self-priming pump

BROWN FIELD PROJECTS

- ✓ HPN pump, change spring MOC from SS to Enconal spring.
- ✓ Magnetic drive pump installed in HCL system for power saving project.
- ✓ Online Condition Monitoring system are introduced to monitor ID Blower,FD Blower Vibration,Bearing conditions,bearing temperature to avoid unanticipated breakdown of ID& FD fan
- ✓ Automatic Grease feeder introduced to reduce bearing dryness and avoid anticipated Breakdown of ID Blower
- ✓ Y-Branch pipe installation in Packing room to smoother powder unloading process
- ✓ Gyro screen, change bellow material MOC from Silicon to PU bellow to Avoid Frequent failure of Silicon and powder Spillages
- ✓ HPN pump replacement from pulley-drive to Gearbox drive
- ✓ David Arm system installed for FRP magnet strainer cleaning of pump & bag filter
- ✓ In steam line, SS gasket installed to avoid steam leakages
- ✓ Installed FRP Sparger to increase life of Sparger and Effective Utilization of steam in Kettle instead of PP Sparger
- ✓ In PVDF pump, Replacement of MS shaft by SS MOC to increase the life and oil seal frequent leakages
- ✓ Installation of Vibromotor in PJDC system for easily flow ability of Powder
- ✓ Install Double mechanical Seal in Fluorine pump to avoid breakdown
- ✓ To avoid pipe line leakage, change material MOC from PP to FRP material

VOCATIONAL TRAINING

- ABC Bearings Limited, BHARUCH

FINAL YEAR PROJECT

- Pneumatic Lift (IN B.E. - 2012)
- Escalator (IN DIPLOMA 2009)

SPECIAL SKILLS

- AUTO CAD EXPERT (2010)
- MS OFFICE (WORD, EXCEL, POWER POINT, OUTLOOK)

HOBBIES& INTERESTS

- Book reading & Learn new things
- Playing cricket
- Listening music

PERSONAL DETAILS

- **Full Name** : HARDIK M. KOTHIWALA.
- **Father's Name** : MAHESHCHANDRA C. KOTHIWALA
- **Date of Birth** : 06/12/1990.
- **Height** : 180 cms.
- **Weight** : 75 kg.
- **Languages Known** : English, Hindi and Gujarati.

Date:
Place:

(Hardik Kothiwala)