

Mr. Kishan B. Patel**Post Applied for:** HVAC Technician**Experience:** 1+ years in Gulf (all shutdown) / 7+ years in India

PERSONAL:

Indian (Gujarat), Male, 28 years, Single

EDUCATION:**Diploma in Mechanical Engineering**

2008 to 2011

Certificate in Senior Secondary Schooling

2007

Language skills: English, Hindi, Gujarati**WORK DOCUMENTS:****Passport No.:** K-1894193 expiring in 2022**WORK EXPERIENCE (in Gulf):**Oct-2016 to Jan-2017 (Qatar Shutdown)

Mechanical Technician, Maintenance of Chiller & AHUs (with BMS Technology)

Employer: Gulf Energy Technology & Projects**Site:** QF QAFCO, DohaNov-2017 to Aug-2018

Mechanical Technician

Employer: Qatar Engineering & Construction Co WWL**Site:** Qatar Aluminum Steel Plant, DohaMar-2016 to May-2016

Mechanical Technician

Employer: Manweir L.L.C.**Site:** Qafco & Qatar Steel, DohaFeb-2015 to Mar-2015

Mechanical Technician

Employer: Brunel Oil & Gas Services W.L.L.**Site:** Qatar Gas Shutdown Job at, doha Qatar**WORK EXPERIENCE (in India):**Dec-2011 till now**Millwright Fitter****Employer:** Vishal Enterprise Service Pvt. Ltd**Site:** Reliance Industries Limited, Surat

NATURE OF WORK

ROTATING EQUIPMENT:

Preventing Maintenance, Breakdown Maintenance

PUMPS:

CENTRIFUGAL PUMP:

- ❖ Check Bearing Clearance
- ❖ Alignment Checking
- ❖ Check Wearing Ring Clearance
- ❖ Check Axial Float & Radial Float
- ❖ Check Run Out
- ❖ Mechanical Seal Replacement
- ❖ Replacement of Shaft Sleeves

CENTRIFUGAL COMPRESSOR: Elliott Ebara & Hitachi. Japan

- ❖ Centrifugal Compressor (Split Type Compressor/Make Hitachi)
- ❖ Check all Labyrinth Seal Clearance Check & Replace
- ❖ Oil Seal Check & Replace
- ❖ Mechanical Seal (Wedge Gas Seal) Check & Replace
- ❖ Gas Seal Check & Replace
- ❖ Balancing Seal Check & Replace
- ❖ Check Bearing Clearance
- ❖ Checked Thrust Pad
- ❖ Check Axial Float & Radial Float

RECIPROCATING COMPRESSOR: Japan steel works & Sulzar compressor

- ❖ Suction & Discharge valve Servicing
- ❖ Check T.D.C.& B.D.C.
- ❖ Piston Ring and Rider Ring Replacement
- ❖ Stuffing Box Seal Assembly
- ❖ Oil Scrapper Ring Replacement
- ❖ Cross Head Shoes Replacement
- ❖ Big end Small end Bearing Check Clearance after Replacement
- ❖ Connecting Rod & Gudgeon Pin Checking
- ❖ Crank Shaft Main Bearing Check Clearance after Replacement

MECHANICAL SEAL:

- ❖ John crane, Eglabrugman, Flowserve Mech. Seal.

GAS TURBINE:

- ❖ Hot Gas path inspection
- ❖ Check all Labyrinth Seal Clearance check & Replace
- ❖ Rotor & Blading Inspection
- ❖ Gas Seal Check
- ❖ Balancing Seal Check & Replace
- ❖ Check Bearing Clearance
- ❖ Check Axial Float & Radial Float
- ❖ Bucket and Discharge inspection

ALIGNMENT METHOD:

- ❖ Reverse Alignment by Graphical Method & Calculation Rim & Face Alignment Laser Optical Alignment

GEAR BOX:

- ❖ Check Back Less, Axial float, Rotor removing and cleaning, Bearing Clearance & Replacement of Bearing Gear teeth checking etc.

STEAM TURBINE: (SIEMENS)

- ❖ Bearing Inspection & Top Cover Clearance check
- ❖ Check all Labyrinth Seal Clearance Check & Replace
- ❖ Shaft run out check
- ❖ Gas Seal Check & Replace
- ❖ Balancing Seal Check & Replace
- ❖ Bump check LP & HP
- ❖ Blade DP check
- ❖ Check Axial Float & Radial Float
- ❖ Shaft alignment

STATIC EQUIPMENTS:

HEAT EXCHANGER:

- ❖ Maintenance of Static Equipment like Different Types of Exchanger.

- ❖ Cleaning of Shell and Tube by Chemical, Hydro Jetting and Wire Brush.
- ❖ Knowledge about Different types of Test like:
 1. Shell Test, 2. Tube Test, 3. Final Test
- ❖ Maintenance and Repairing work during Hydro Test and also Box upwork.

COLUMN:

- ❖ Drain and Washed of Column after Shut Down.
- ❖ Open Manhole for Washing by Steam, Water and Air.
- ❖ Knowledge about Checking and Cleaning of Tray and Shell.
- ❖ Help for NDT Test, Ultra Sonic Test and D.P Test.
- ❖ Knowledge about Gas Test after Box Up.

VESSELS:

- ❖ Vessels : Vertical & Horizontal
- ❖ Proper positive Isolation, I.G, Purging, Air Purging.
- ❖ Opening Manhole.
- ❖ D.P. Test of Internal Welder Surface Area.
- ❖ Demister Pad Replacement & Cleaning, Internal Cleaning & of Vessel & Boxing up.

VALVE:

- ❖ Globe Valve, Gate Valve, Ball Valve, NRV Valve, Niddle Valve, Diaphragm Valve, Butterfly Valve, Plug Valve, PSV Valve, PRV Valve, MOV Valve, ROV Valve, Control Valve etc.
- ❖ Gland Replacement, Stem Replacement, Valve Sheet Lapping by Diamond Cut Paste.