

# SUSHANT KAPOOR

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## Job Objective

Mechanical Engineer, Certified Piping Design Engineer from MIT, Pune having 4 Years of experience in O&M in O&G sector & 2 year in HVAC manufacturing. Seeking opportunity in Piping Design Engineering field, EPC, O&G & Project Management, where I can utilize my best knowledge & experience for the mutual growth with full of sincerity, dedication & honesty.

## Organisational Experience

### June'13 - Aug'17 BSSPL( JV of Bharat Petroleum), Delhi AFS as Executive (O & M)

#### Role:

- Worked as a Shift Incharge. Responsible for Carrying out various Operation and Maintenance job, Manpower management, Work and projects related to process improvement.
- Responsible for the planning and control for the execution of a Field Operation, including inventory management Receipt and delivery line and storage tanks, Pump operation in BPCL AFS, Delhi, India.

#### Highlights:

- Authorized Quality Control Signatory (QCS No.-241) by **Bharat Petroleum**
- Carrying out routinely maintenance of the Tank Farm i.e. cleaning, maintenance & calibration of the fuel tank, routine check of the Fire & Safety Equipments.
- Carrying out various tests which include checking of conductivity, specific density, temperature, corrosion tests, sediment particles and other factors to ensure quality of the inventory stored.
- Timely Checking and maintenance of facilities like floating suction, strainer, filters (static & mobile), gauges (flow meter, pressure differential, etc), fire extinguishers, hoses, coupling, pumps, Pipe Line Pressure Testing and CP Test.
- Carrying out Millipore Test (Gravimetric & Calorimetric) needed for monitoring the performance of the both mobile & static filters.
- Ensure that all Quality procedures are being followed during Receipt, Storage & Delivery of ATF
- Receiving of Aviation Fuel from Depot via Tank Lorries & Pipeline and carrying out the Quality checks before receiving the product at AFS Station
- Planning of manpower to carry out the operational work at AFS.
- Carrying out the maintenance of the refueling vehicles as per the schedule.
- Maintaining of stocks about receipt and delivery of fuel online in SAP which includes: 1. Generation of the customer invoices and 2. Receipt of Stock through tank lorries
- To ensure smooth delivery by monitoring the Fuel activities and delivery qualities.
- To support the operation team for smooth operation.
- Creating and updating Sales Order, Purchase order in SAP and raising Printing request on regular basis.
- To be responsible for implementation & maintenance of quality management systems.
- To control measuring & test equipment's, as required to ensure accuracy as per SOP.
- To prepare MIS reports & quality records in compliance with procedures.
- Creating contingency plans for machinery, labour breakdown or gaps

### Aug'09 - Jun'11 Carrier Air Conditioning & Refrigeration Ltd., Gurgaon as GET

#### Role:

- Supervised the complete assembly line balancing (AC Assembly & Coil Shop)
- Served as Project Engineer for designing of Supermarket by applying 5s
- Planned & controlled the production operations as per the capacity available & sales projection
- Executed production operations in coordination with the other functions
- Managed the workmen for achieving the periodic production targets
- Followed SOPs, manuals & work instructions for production operations for the unit

#### Highlights:

- Dexterously performed & contributed towards renovating the super market resulted in increased and smoothened the production function at Carrier Air Conditioning & Refrigeration Ltd., Gurgaon

## Educational Details

Qualification	Board/University	Year	Grade/Percentage
PGP in Piping Design	MIT Skills,Pune	2017	awaited
Btech(Mechanical Engineering)	Sikkim Manipal Institute of Technology	2009	7.5CGPA final year
Intermediate	ISC(St. Anns Convent School,Palia)	2005	60%
High School	ICSE(St. Anns Convent School,Palia)	2003	63.5%

## Project Undertaken

**Title:** Methanol production from syngas  
**Description:** Project allotted during Piping Design Course Curriculum having capacity of 200TPD  
**Team size:** 80  
**My Role:** Overall Plot Plan design considering all statutory regulations

**Title:** PDMS modelling of stabilizer unit  
**Description:** Project allotted during Piping Design Course Curriculum consist of modelling,clash test & isodraft

## Industrial Training

**Title:** Familiarization of Power Plant  
**Organization:** NTPC Ltd., Tanda, UP  
**Period:** Jan'09 - May'09  
**Team:** 3 Members  
**Description:** Practical understanding of power generation in 4\*110MW TPP e.g Boiler,Condenser,Turbine,ESP

## Piping Design Skills

- Familiar with various **Codes & Standards** related to Piping Design e.g.ASME pressure piping,OISD,NFPA
- Familiar with selection of MOCs related to plant design,preparation of MTO
- Familiar with Layout Design Engineering,Plot Plan,Isometrics,Fire Fighting System design

## Software Skills

- Piping Design related Skills:Caesar2,PDMS,AutoCAD,Stress Analysis
- MS Excel,Office,Power Point

## Workshop/Seminar attended

- Effective Communication Skills from Princeton Academy
- Regular basic Fire Fighting & Safety Training in petroleum industry
- Regular First aid Class

## Hobbies & Interest

- Adventorous Sports,Cooking,Reading Newspaper,Technical Knowledge,Group Discussion

## Strength

Technically sound,Optimistic, Problem solving attitude,Enthusiastic,Good administrator,Integrity,Learning attitude

## Personal Details

Date of Birth: 9<sup>th</sup> June' 87  
Permanent Address: Kanpur  
Current Address: Pune  
Languages Known: English and Hindi

