



SHASHANK KUMAR

Experience

1st April 2024–Present

Manager • Mumbai Refinery • Bharat Petroleum Corporation Limited

In addition to the responsibilities handled as Asst. Manager, I am taking care of responsibilities as "Energy Champion" for Utilities dept in which I am suggesting, discussing and evaluating Energy Conservation Schemes for Utilities dept (Consisting of Captive Power Plant, Boiler House and ETP Plant), coordinating among various departments for implementation and performance evaluation, preparation of Monthly status reports, Note to Files for implemented schemes and documents support required for audits conducted by BEE.

1st July 2020–31st March 2024

Assistant Manager • Mumbai Refinery • Bharat Petroleum Corporation Limited

- As Assistant Manager, Operations, apart from responsibilities as Shift In-charge of Captive Power plant, I am looking after Time administrator activities for the non-management staffs, their work-related discrepancies and corrections, OT inputs and shift schedules. I also provide support and look after shift rosters for the workplace, OT distribution and management.

- Preparation and handling documentation related to Process Safety Information at workplace, making of Standard Operating Procedures (SOPs), Management of Change (MOC), engaging in Employee Participation activities and training of our workplace team.

- Along with this, preparation of files and participation and ensuring zero NCs during internal and external audits: Integrated Management System (IMS: framework consisting of ISO 9001: 2015, ISO 14001:2015 and ISO 45001:2018) and ISO 50001:2018, preparation of training program and Job certification for new Officers and Operators to take charge in different plant zones.



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1995



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- I am also looking after preparation of Monthly highlights for Departmental Executive Summary, job notification reviews, preparation of Operation Manual and Training program and Job Certification for Operators and Apprentices.

19th June 2017–30th June 2020

Executive officer • Mumbai Refinery • Bharat Petroleum Corporation Limited

- During my role as Maintenance Executive officer, I handled area maintenance jobs which includes preventive maintenance of pumps, compressors, heat exchangers, columns etc. I have also worked in turn around duties and jobs handled like heat exchanger re-tubing, steam trap management, column maintenance, tank and vessel outage, etc. Apart from this, raising of purchase orders, stock and spare management, billing of contracts and services are some of the works which were handled on day-to-day basis.

- As an Executive Officer, Operations in Captive Power Plant, I worked as Shift In-charge handling two BHEL-GE Frame 5 and one BHEL-GE Frame 6 Gas Turbines and associated HRSGs. My job in this role include proper and efficient running of all the equipment and systems required for running of the power plant, shutdown activity planning, equipment handover and job execution.

Certifications

- **Certificate of Proficiency (CoP) as Boiler Operation Engineer (BOE) under the Boilers Act,1923 conducted by NPC India in 2021.**

- **CEP course on "Introduction to Machine Learning and Deep Learning-with Application to Engineering Systems" by IIT-Bombay**

- **Basic Industrial Safety Training Program (SIS) by L&T Hazira, Surat**





Education

Master of Business Administration

Indian Institute of Management, Ahmedabad, Gujarat
Sept, 2024 – Ongoing

B. Tech in Mechanical Engineering

Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat
June, 2013 – May 2017

CGPA: 9.26

Intermediate (Class 12th)

Kendriya Vidyalaya No. 2, Kribhco, Surat
Percentage: 91.4

SSC (Class 10th)

Kendriya Vidyalaya No. 2, Kribhco, Surat
Percentage: 95

Vocational Training

At **Krishak Bharti Cooperative Limited (KRIBHCO)** in May-June, 2016
Production of Ammonia from Hydrogen and Nitrogen by reforming of Natural Gas and using this Ammonia as feed along with Carbon Dioxide for producing Urea. Basic functioning of supporting units such as Power Plant (for steam production and power generation) and the Offsite (for producing De-Mineralised Water used in boilers for steam generation).

Other Details

- **COMPUTER PROFICIENCY**

Programming Languages: C/C++ and SQL DBMS

Application software: MS-Office.

- **HOBBIES:** Drawing, Sketching, Skating, Listening to music

