



TAN SINGH

ABOUT ME:

◆ 4 Year and 3 months Experience in Petroleum Refinery
☎ 09106835199

® 22-JAN.-1995 ✉ tanwartansingh@gmail.com

🏠 Barmer(Rajasthan) ✉ tansingh1995@gmail.com

To best utilized whole my Engineering Studies and skills to serve my organization along with my nation by working in a constructive and congenial environment.

EDUCATION:

- Diploma in Chemical Engg.
Govt.Polytechnic College Barmer Completed in July 2013
AICTE and UGC Board Marks 64.30%
BTER UniversityJodhpurDivision 1st
- **10th BOARD**
- 10th from Rajasthan BOARD July 2010 with
69.17%

PRESENT PROFESSIONAL EXPERIENCE:

INDIAN OIL CORPORATION LTD.Refinery VADODARA GUJARAT

- Designation : Junior Engineer
- Client : Indian oil corporation ltd – Vadodara
- Project : Fluidized catalyst cracking unit
- Duration : Since 18th May 2017 to till time

IOCL is a shall be setting up a 13.7 **MMTPA** refinery project called “**Indian oil corporation ltd.**”) at Vadodara, Gujarat. The **Fluidized CatalyticCrackingUnit-** (FCCU) unit is designed to produce **LPG** and high octane Gasoline yields. Having 1.5 **MMTPA** Capacities.

PAST PROFESSIONAL EXPERIENCE:

Guru Gobind Singh Refinery Limited (HMEL) Bathinda Punjab

- Designation : Junior Executive.
- Client: HPCL- Mittal Energy Limited (HMEL), Bathinda – Punjab
- Project : FCCUPC & PRU Project.
- Duration : Since 16th Aug, 2013 to 15th May 2017.

HMEL is a joint Venture Company of **HPCL and Mittal Energy Limited** shall be setting up a **9.0 MMTPA** refinery project called “**Guru Gobind Singh Refinery**” (GGSR) at Bhatinda, Punjab. The **Fluidized CatalyticCrackingUnit-Petrochemical Complex** (FCC-PC) unit is designed to produce **Polymergrade Propylene/LPG** and high octane Gasoline

yields. Having **2.22 MMTPA** Capacities. The function of the PRU is to remove contaminants from the C3's, and to separate the propylene and propane to produce Polymer Grade Propylene and Propane having **0.4 MMTPA** Capacity.

Unit Consists of: 1- Regenerator Reactor Section

4- Propylene Recovery

Section

2- Main Fractionators Section

5-LPG Treatment

section

3- Gas Concentration Section

□ EQUIPMENT FAMILIAR:

- Reactor
- Regenerator
- Feed pre-heater
- Distillation columns
- Wet gas Compressor (Steam turbine driven)
- Heat exchangers ,coolers & Reboilers
- Main Air Blower (Steam turbine driven)
- Pumps (Single & Multi-stage, Centrifugal & Reciprocating)
- Air fin fans
- Nitrogen blower
- Flue Gas Coolers (steam Generators), generating about 100 tones HP Steam
- Slurry Pump (Turbine & motor Operated)

←JOB RESPONSIBILITY

- Routine checkup of all process equipment.
- Reporting all the abnormalities and failure to the control room and to take corrective measure
- Controlling and maintaining process parameters as per technical requirement.
- Deft in monitoring machine performance to deliver products of desired quality.
- Change over operation of pumps, filters and compressors.
- Startup of Turbine driven Compressor and Pumps and its maintenance.
- Troubleshooting of the process operations during power failure, Instrument Air failure, Utility and DCS failure.
- Handled startup, shutdown and Emergency operation.
- Pertaining to Safe Operations of the Unit & operating the equipment's as per standard operating procedure (**SOP**)
- Co-ordinate with the technical and maintenance service department to solve the problem.
- Plant Startup and shutdown activities.
- Health monitoring of Rotating Equipment.
- To co-ordinate with the panel Engineers for trouble free operation.
- Adept in handling **operating activities** of the operations unit, system and equipment in the refinery to process feed stock/ treat hazardous waste for environment protection.
- An effective communicator & team leader with skills in troubleshooting, team building capability & abilities in planning & managing resources.
- Draw sample for routine and conduct special test operation in the field.
- Response as a firefighter in case of fire in the unit.

- Issuing Work permits for blinding, DE blinding, hot works, cold works etc.
- Certificates for confined space entry and electrical isolation.
- Leading other related duties pertaining to vessel inspection, vessel isolation and commissioning.
- Conducting authorized gas testing.
- Assist mechanical crew in preventive maintenance of equipment and instruments crew in maintenance and calibration of process instruments.

FIRE AND SAFETY:

- Trained for H2S, Permit to work system and Release of Hazardous chemicals
- Knowledge of fire & Safety procedure.
- Experience in the operation of fire extinguishers using Foam, DCP, and Co2.
- Familiar with Fire & Gas detection system, fire hydrants and monitors.
- Familiar with personal H2S detector.
- Familiar with personal protective equipment, escape mask & breathing apparatus

MY PASSPORT DETAIL

- **Passport No.** : **P4314697**
- **Valid Up to** : **15/09/2026**

TECHNICAL SKILLS, HOBBIES& EXTRA ACTIVITIES:

- Operating System: Windows 7,8 & MS- Office
- Documentation related to work and process
- SAP Operating Systems
- Working with Process Safety Management (PSM) and 2 PSM element owners (Training, PSI) in Dept.
- My hobbies are listening devotional song.

PERSONAL DETAILS:

- Father Name : Mr. Manak Singh
- Date of Birth : 22.Jan.1995
- Nationality : Indian
- Marital Status : Unmarried
- Languages Known : Hindi, English
- Permanent Address : Village- Gadan , Post-Barmer, Taluka- Barmer, Dist.- Barmer
Rajasthan, 344001

MY REFERENCE

- Mr. Rishabh Jain (Deputy Manager) HMEL (FCC-PC) Cont. No.-
+919988884169
- Mr. Sumit Kumar (Deputy Manager) HMEL (FCC-PC) Cont. No.- +91
9988899334
- Mr. jayesh gajmal (Field operator) KNPC(FCC PLANT) Cont. No.-
+96565991815

DECLARATION

I hereby declare that the above details are true and correct to the best of my knowledge and belief.

Date: - _____
TAN SINGH