**TAN SINGH**

### **✍ABOUT ME:**

 4 Year and 3 months Experience in Petroleum Refinery ✆09106835199

 22-JAN.-1995🖂[tanwartansingh@gmail.com](mailto: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

* **10thBOARD**
* 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 : Fludized catalyst crecking 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 FEMILIAR:**

* 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 DETAILES:**

* 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**