POST APPLIED FOR FIELD OPERATOR

Mobile : **+91 8946096698**

E-mail : **kaushikram947@gmail.com**

Address : 43, DVD colony 5th Street,

Kottar, Nagercoil, Kanyakumari Dist.,

PROFILE SUMMARY

Field Engineer with above 5+ years experience in High Hazardous Oil & Gas Production facilities, Ability to troubleshoot and Resolve Routine and Non Routine Situation.Versatility to multi task separate job function in a safe and efficient manner.

EDUCATION QUALIFICATION:

BACHELOR IN PETROCHEMICAL ENGINEERING (FIRST CLASS)

(2018 – 2021)

WORK EXPERIENCE:

CLIENT	DESIGINNATION	YEAR
HMEL Bathinda Panjab	**Process Engineer**	**June 2025 to Till now**
PetroRabigh (Aramco Saudi Arabia)	**Process Engineer**	**Feb 2025 to May 2025**
YANPET (SABIC Saudi Arabia)	**Process Engineer**	**9thDec 2024 to 29th Dec 2024**
YASREF (Aramco saudi arabia)	**Process engineer**	**Nov 2024 to Dec 2024**

SADARA **Saudi Arabia**	**Field Operator**	**August 2024 to October 2023**

SIPCHEM (SAUDI ARABIA) (IVC Unit)	**Field Engineer**	April-2024 to June2024
RELAIANCE INDUSTRIES LIMITED (FCC Unit)	**CHEMICAL ENGINEER**	June-2022 to Dec-2023
CPCL	**Graduate Engineer Trainee**	August-2020 to April-2022

RESPONSIBILITIES:

Pre-Commissioning & Commissioning Planning:

Develop detailed commissioning plans, procedures, and schedules.

Review engineering documentation (P&IDs, loop diagrams, etc.) for correctness and completeness.

Coordinate with construction, engineering, and operations teams.

Supervision & Coordination:

Lead and manage the commissioning team, including technicians and subcontractors.

Coordinate daily commissioning activities across various disciplines (mechanical, electrical, instrumentation).

Ensure that all equipment and systems are commissioned according to project standards.

Testing and Verification:

Oversee functional and performance testing of systems.

Verify system readiness through punch listing and pre-startup checks.

Validate that safety systems (e.g., ESD, fire and gas) are operational.

HSE Compliance:

Enforce strict adherence to Health, Safety, and Environmental (HSE) regulations.

Conduct risk assessments and ensure safe work practices during commissioning.

Documentation and Handover:

Maintain comprehensive records of commissioning activities.

Prepare and review system turnover packages.

Ensure smooth handover of systems to operations.

Troubleshooting and Problem Solving:

Identify and resolve technical issues during commissioning.

Liaise with vendors and engineering for technical support.

Training and Support:

Assist in training operations personnel on new systems and Key Responsibilities:

1. Pre-Commissioning & Commissioning Planning:

Develop detailed commissioning plans, procedures, and schedules.

Review engineering documentation (P&IDs, loop diagrams, etc.) for correctness and completeness.

Coordinate with construction, engineering, and operations teams.

Monitored and controlled day-to-day operations of refinery units, ensuring safe,

efficient, and continuous plant performance.

- Conducted field inspections and coordinated with control room operators to maintain optimal process conditions and product quality.
- Assisted in the execution of startup, shutdown, and emergency procedures in accordance with operational guidelines.

- Identified and reported equipment abnormalities, process upsets, and safety hazards, ensuring timely corrective action.
- Maintained accurate operational records, shift logs, and process data for performance tracking and troubleshooting.
- Supported process optimization and energy efficiency initiatives in collaboration with operations and process engineering teams.
- Enforced safety and environmental compliance by adhering to refinery regulations, permit-to-work systems, and PPE protocols.

HSE Compliance:

- Enforce strict adherence to Health, Safety, and Environmental (HSE) regulations. Conduct risk assessments and ensure safe work practices during commissioning.

Documentation and Handover:

- Maintain comprehensive records of commissioning activities. Prepare and review system turnover packages.
- Ensure smooth handover of systems to operations.

Troubleshooting and Problem Solving:

- Identify and resolve technical issues during commissioning. Liaise with vendors and engineering for technical support.

EQUIPMENT HANDLING:

- Catalytic reactor, Regenerator, DFAH, cyclones, slide valves, Blowers and Furnace start up, Operation and trouble shooting.
- Main fractionation- products and reflux circuits like LCOPA, HCOPA, HNPA LCO, HCO, HN, RCO and its associated
- Pumps, exchangers commissioning and emergency handling.
- Cat feed preheat circuit, 2-pass Furnace heater with associated circuit and its associated exchangers startup,
- Operations and trouble shooting.
- MF overhead circuit and reflux drum, light naphtha pumps, sour water pumps, reflux pumps commissioning & operations..
- Draining of hydrocarbon to CBD, ABD and its associated pumps commissioning and its operation.
- Gasket checking, Control valve Stroke Checking, PG, LG, FT checking, hydro testing, steam blowing, flushing,
- Flare KOD draining, purging, pressurization and depressurization of equipments.
- GCU – WGC compressor circuit, Inter stage knockout drum, HP separator, primary absorber, sponge absorber, stripper, debutanizer column and its associated circuit operations, commissioning, start up and troubleshooting.

HANDLING SAFETY EQUIPMENTS:

Handling of Fire Hydrant, Fire Hose, Fire Nozzle, and Fire Monitors (Using Form Water System). Dry

Chemical Powder Fire Extinguishers, Co2 Fire Extinguishers and Sod Acid Extinguishers. Handling of LEL

Meters, Gas Detectors, Flame Detectors & Smoke Detectors and Handling of all Safety Equipments.

Handling Of Emergency Shutdown (E.S. D), Fire Shut Down (F.S. D)

KEY RESULT OPERATION AREAS:

- **To co-ordinate with production operators and control room engineers for Plant operation, startup, stabilization & shutdown and effective team leade**

- **Identify continuous risk reduction activities within the domain of process and process**

- **perform trouble shooting and root cause failure analysis, plant optimization, and Change Management (MOCs) to completion**

- **Ensure dosing of chemicals (Anti Form, DMEA, DEA, Demulsifier, TSP (Tri Sodium Pasphate), corrosion inhibitor, scale inhibitor, NaOH, O2 Scavenger, H2S Scavenger & biocide,) on time, collect and record the detail of consumption andstock.**

- **Routine checks all parameters on plant lubricating oil levels /seal system, flows and temperature, pressure, levels, vibrations for all rotating/ static equipment.**

- **Responsible for process execution with targeted production while the specifications are maintained.**

- **Execution/ monitoring of plant start-ups and shutdown without violating safety manner.**

- **Given training for the local gujaratians and explained the FCCU process, trouble**

Shooting, precautions, emergency situation handling, special operation, catalyst loading, startup of reactor, startup of Regenerator etc…..

TROUBLE SHOOTING:

- **Heavy feeds and very paraffinic feeds tend to produce slurries that are more susceptible to coking. The tendencies of these feedstocks to coke can often be judged by monitoring changes in contaminants such as Conradson Carbon and nitrogen.**

- **Lower matrix activity catalysts tend to produce slurries that are reactive and more**

- **Susceptible to coking.**

- **Low reactor severity operations tend to produce slurries which are not fully reacted and which may crack and form coke in the main column.**

- **Coke formation in the bottoms system can also beaddressed operationally through mechanisms.**

- **Often times, the cause for coking in the bottoms system is found to be raw oil leaking into the bottoms system from the feed bypass valve or the feed system pressure relief valves.**

- **Be carefully inspected for leaks.**

PERSONAL DETAILS:

Name : KAUSHIK RAM J

Father : Mr. JANAN R K

Marital status : Single

Passport no : X4269812

Nationality. : Indian

Known languages : Tamil, English, Hindi & Malayalam

Declaration:

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

Your's Faithfully

Kaushik Ram J