**SaswatSatpathy**

**Mobile:** +91-9694036059/7978159905**~ E-Mail:** saswatsatpathy123@gmail.com

**To have a career that gives me the opportunity to attain practical knowledge and build a career in the field of chemical engineering. Gain a rich cache of experience which will help me develop my problem solving ability.**

**PROFESSIONAL SUMMARY**

* **7+ years**of experience in the field of process development, plant operations and, project planning and execution.
* Preparing Detail engineering package, Safety evaluation study and process review**.**
* Preparing concept document forscale up, optimization, troubleshooting and norm preparation.
* Preparation of BFD PFD and PID, Heat and Mass Balance, equipment sizing, and hydraulic calculation.
* Extensive Knowledge of working with DCS, PLC and SCADA based process control.
* Improving Process economy using tools like six sigma, JIT and Kizen.
* Carry out audit, tracking of plant performance, Preparing MIS report.
* Technical evaluation of vendor offer and vendor development for plant equipment and raw material.
* Good communication, interpersonal, analytical & negotiation skills with strong organisational and team building abilities.
* Conversant with software like Visimix, Chemcad, Pro II and MS office.

**ORGANISATIONAL ROLE PURVIEW**

**Since September ’19 PI Industries, Vadodara Executive Tech. Services**

**Key Responsibility Areas:**

* Preparing P&ID for commercial scale custom synthesis manufacturing (CSM).
* Preparingheat mass and process calculation for product to be run on MPP plant.
* Process Intensification by increasing throughput and reducing cost by RM optimization.
* Preparing SOP, BOM and MOC documents for process to be run on MPP.
* Preparing FAT, SAT, drawing approval and commissioning of new equipment.
* Preparing PSSR, interlock summary, troubleshooting manual.
* Conduct HAZOP for new and existing process in association with cross functional team.

**November’16 to June’19 SRF Limited Sr. Engineer Technology Transfer**

**SRF Limited, Central Technology Group, Bhiwadi/Gurgaon**:

**Key Responsibility Areas:**

* Designing process to be run on continuous flow reactors for scale up validation.
* Preparations of process control logic, P&ID, and operation document for new process.
* Coordinating HAZOP study for process change for new/ongoing process that needs operation change with support and safety team.
* Preparation of plan forPre-commissioning, commissioning and maintenance activity.
* Preparation of SOP's, process monitoring documents and process concept report.
* Vendor Offer evaluation and cost benefit analysis for process changes/new equipment purchase.
* Preparing and maintaining Utility consumption report and trouble shooting in case of deviation from norm.
* Process data generations and data analysis to prepare actual run data to be used in scale up.
* Preparing CAPEX for new projects and OPEX documents for plant budget and maintain inventory of spare and RM as per plant productionrequirements.
* Conducting subordinate training for handling of new equipments, chemical and safe plant operations.

**July’12 to August’16 ADITYA BIRLA GROUP Field Engineer**

**ADITYA BIRLA GROUP**

**GRASIM,Renukoot.**

**Key Responsibility Areas:**

* Preparation of pre-commissioning andcommissioning schedule for 350 TPD Caustic unit.
* Coordinating HIRA and HAZOP meeting and MOM and final report for project.
* Preparing equipment trail format and documenting final equipment capability report.
* Carrying out equipment integration test and tuning controllers to counter offsets and stabilize process.
* Carrying out Guaranteed Test Run and making final report for project manager before project handover.
* Training of operating personals for safe operating of plant before final handover.

**GRASIM,Ganjam**..

* Preparing shift production report and listing of all maintenance activity done during shift.
* Issuing PTW and giving training on JSA and SOP and work instructions.
* Starting/stopping and monitoring membrane plant, evaporation unit, furnace and column via DCS.

**Awards and Achievements**

* Commissioning of Advanced flow reactor facility at SRF bhiwadi.
* Commissioning of Electrochemical cell facility at SRF bhiwadi.
* Received best project award at SRF limited for Sulphur tetrafluoride project.
* Successful commissioning of 40 TPD chlorine vaporizer in GRASIM, Ganjam,OD.
* End to end operation and process development for continuous high pressure fluorination for Sulphur tetra fluoride manufacturing facility at SRF, Bhiwadi, R.J.
* Commissioning of 350 TPD caustic unit at Grasim Renukoot,U.P.
* Award with certificate of appreciation for power and water conservation scheme at GRASIM.
* Team award for participation in team event at SRF, Bhiwadi annual sports.

**ACADEMIA**

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| --- | --- | --- | --- |
| Education | Division | Board | Collage/School |
| B.Tech(ChemEngg) | First | BPUT,RKL | C. V Raman College of Engineering,Bbsr. |
| Senior Secondary Education | First | ICSE | St.Paul’s School, Rourkela. |
| High school | First | ICSE | Desouza’s School, Rourkela. |

**PERSONAL DOSSIER**

Date of Birth 08th March, 1990.

Father Mr. Satya KinkarSatpathy.

Mother Mrs. Manjushree Satpathy

Permanent Address MI-179, KalingaVihar, Chhend, Rourkela- 769015, Odisha.

Nationality Indian

Language English, Hindi, Oriya (M.T), Basic German.

Passport Number M4499340

Hobbies Playing Guitar, reading Biographies and working out.

**DECLARATION**

I have a total of 7 years of experience as a chemical process engineer, working in continuous/batch chemical manufacturing, process development (From R&D to commercial) and project execution.My current CTC is 10 LPA and my notice period is 30 days negotiable. I am looking for a profile related to Technical services, project commissioning, Production planning and Control. I am willing to relocating with a little preference for abroad or eastern region of India. I hereby declare that the above particulars are true to the best of my knowledge.

Date : 05-08-2019

Place : Gurgaon SaswatSatpathy