

Curriculum Vitae

PRITESH K. PATEL

E-Mail: ppritesh888@gmail.com

(Water Treatment Engineer)

Contact: +917043771110 (WhatsApp call only)

+2349155191917 (Nigeria Number)

Career objective:

Secure a challenging position in a reputable organization to expand my learnings, knowledge and skill and same time contribute to company's growth, environment and society.

Professional Summary:

Water treatment Engineer with a progressive career in Water treatment industries. Sound knowledge in the field of Utilities and Water treatment. Hands-on experience in Water treatment operation and troubleshooting. In addition to this, Experience in the development & implementation of SOPs, SOCs, and Process design calculation.

Core Competency:

Technical evolution & up gradation
Equipment performance monitoring
Process Troubleshooting
Technical support to operation team

Basic Process Design Calculation
PFD & PID review
Customer & vendor management
Operation and maintenance planning

Experience Profile: (Total Experience: 11+ years)

Company Name	Designation	Duration (Year, Month)	
Indorama Petrochemical Limited, Nigeria	Dy. Manager in Water Treatment Plant	Apr'22 to Continue	2, 0
Reliance Industries Ltd., Jamnagar	Technical Support Engineer (Water treatment)	Aug'15 to Mar'22	6, 8
United Phosphorus Limited (UPL Limited), Bharuch	Shift Field Engineer	Aug'12 to Jul'15	3, 0

Educational Qualifications:

- B.E. (Chemical) from M.S.University, Baroda with 63.3 % in 2012
- 12th from Lal Bahadur Shastri Vidhyalaya, Baroda with 71 % in 2008

Curriculum Vitae

Detailed Work Experience:

1) Dy. Manager in Water Treatment Plant (Operation lead) at Indorama Petrochemical Limited, Nigeria (Apr'22 to Continue)

- Operation and monitoring of process wastewater treatment plant, Wet air oxidation for spent caustic and leading a team of 18 operation personal
- Responsible for meeting compliance, performance improvement and ensuring the design water recovery from water treatment plant
- Monitored health and safety measures for guaranteed compliance.
- Operation and maintenance planning of wastewater treatment plant
- Review and implementation of updated SOP and SOC for trouble-free operation of Plant
- Identification, analysis and rectification of process parameter deviations
- Operation lead for commissioning of new project Electro-Oxidation treatment for Aromatic contaminated water and existing ETP performance improvement
- Review and approval of new scheme, PFD, P&ID and basic engineering related to modification and new projects
- Technical interaction with vendor for advance technologies and best practices to implement and improve plant performance

2) Technical Support Engineer (Water treatment) at Reliance Industries Ltd, Jamnagar (Aug'15 to Mar'22)

- Responsible for meeting compliance, performance monitoring and ensure the design water recovery from ETP, High recovery RO and UFRO plants by providing continuous technical support to the operation team
- Technical support provision for operation of Utility plant including DM plant, Air compressor, Wet Air Oxidation.
- Worked with R&D team for a pilot study of "Hydrodynamic Cavitation" for refinery spent caustic treatment
- Identify improvement scope and preparation of process design basis for new improvement by performing basic process design calculation
- Technical interaction with different vendor like M/s Wabag, M/s Suez & M/s Chembond for plant performance improvement
- Review/validation of mass/energy balance, PFD, P&IDs, Chemical & Utility requirements, Equipment datasheet etc. for revamping and upcoming new projects
- Prepare management review reports including daily and monthly plant performance
- Leading for process improvements: ETP aeration tank performance improvement, sludge generation reduction in ETP, and improvement in conventional pretreatment of RO
- Provided technical support throughout the development phases of new products.
- Successfully commissioned 600 m3/hr of secondary biological system augmentation
- Successfully pre-commissioned 350 m3/hr of UFRO plant

Curriculum Vitae

3) Shift Engineer at UPL Limited (United Phosphorous Limited), Bharuch (Aug'12 to Jul'15)

- Joined as a GET and worked as Shift field engineer in fungicide production plant
- Continuously monitoring and control of plant process and quality parameters through field as well as DCS and ensure safe and efficient plant operation
- Identification, analysis and rectification of process parameter deviations
- Performing root cause analysis for any trip/upset in plant operation

Software / Computer Basic Knowledge:

- | | |
|-------------|-----------|
| ➤ MS Office | ➤ HTRI |
| ➤ WAVE | ➤ PIPENET |

Skills:

- Process Operation and Monitoring
- Process Design Calculation
- Technical service interventions
- Process troubleshooting
- Production optimization

Personal Details:

Date of Birth	: 05 th Aug'89
Marital status	: Married
Present Location	: Indorama Eleme Petrochemical Limited complex, Port harcourt, Nigeria
Permanent Address	: I-202, Viram-III, Jambua Jakat Naka, Makarpura Road, Vadodara-390014
Notice Period	: 2 months
Passport No	: B7353632