***One of India’s leading producers of fertilizers and industrial chemicals,***

We are transforming our business through focus on Collaboration beyond boundaries, Relentless Focus on Results, Innovation, and unflinching commitment to deliverables and promises.

We are looking for individuals who enjoy working outside their comfort zone and are ready to accept challenges. We believe in achieving excellence in whatever we do. For this we provide a great degree of support through a combination of best of the systems & processes, employees’ capability building and their well-being.

We also place a considerable weightage to individuals who are proactive & self-motivated and have good inter-personal & social skills and have the ability to work in teams.

**JOB DESCRIPTION**

*Designation: Senior Manager-Process Engineering (Projects) Function: Process Engineering*

*Location: Taloja Sector: Projects*

*Purpose of the Job:*

1. Will be overall responsible for support in finalizing and approving of various Process Documents like design basis, PFD/P&ID, Process optimization, integration of Utilities facilities/plot layout, overall operating philosophy etc. Participate in HAZOP study and model review.
2. To collect and provide process related technical inputs for Ammonia technological evaluation, conceptualization, engineering, construction/commissioning assistance for various Projects/Growth Initiatives of the company.

**Overview/ Responsibilities: As a Head-Process Engineering, you will be expected to:**

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| ***Key Accountabilities for the position*** | ***Major Tasks for the position*** |
| * Inputs for obtaining technology options for Ammonia Project & their evaluation
* Inputs for Process Engineering, EC of Projects
* Quality of process engineering outputs/documents delivered by consultant
* Inputs/support to other Project functions for procurement, construction, cost estimation
* Pre-commissioning, commissioning, process guarantees
 | * Site data, RM & Product specs data collection.
* Generate Process engineering scope documents for engineering services enquiry.
* Evaluation of process aspects of engineering services offers
* Generation of Process Design Basis for Projects.
* Generating Documents for Environmental Clearance
* Evaluation of and commenting of basic engineering documents PFDs, UFDs, H&MBs, P&IDs.
* Communications with process licensors, consultants.
* Generation of process specifications for direct procurement.
* Technical recommendations for direct procurement by company.
* HAZOP organisation, participation and ensuring compliance.
* Coordinate & participate through Sr Managers-Process in pre-commissioning activities by licensor, operations and vendor.
* Coordinate and participate through Sr Manager-Process in conducting of Reliability & Guarantee Test Runs jointly by Licensor, Operations and Vendor.
* Collecting PG run data, performing calculations, assimilating and interpretation of results of PG test runs, in coordination with licensors.
* Obtain and provide specific consumption and start-up/shut-down consumption data for various projects for variable cost estimation
* Obtain and provide brief equipment specifications, I/O data, land requirement data from licensors for Capital cost estimation for new projects evaluation.
* Studies for improving upon consultant’s engineering work.
* Studies for keeping abreast of latest developments in field of various process technologies and equipment availability relevant to company.
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| ***Educational Qualifications*** | ***Total years of experience*** |
| Bachelor’s Degree in Chemical Engineering (from UDCT/IIT/NIIT/RECs/Reputed University) Having worked from client or consultant’s side on medium and large scale continuous process chemical plant projects – new and plant relocation type. Exposure to operations and safety of medium & large scale continuous chemical plants. | * 5 to 7 + Years of total Experience
* Minimum 5 Years on hard core projects
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| ***Technical /Functional Expertise:***  |
| * Strong chemical engineering fundamentals
* Expertise in quantification through calculations
* Good envisaging and conceptual abilities
* Adequate abilities to evaluate subordinate’s technical work
* Reasonable knowledge of statutes applicable to chemical projects
* Knowledge of environmental norms applicable to chemical projects
* Project various process document / reports generation skills
* Knowledge of information required for basic and detailed process and other engineering of projects
* Familiarity with common engineering and construction related codes used in chemical industry.
* Familiarity with usage of various MOC for various chemical services
* Good drafting skills for technical communication with consultants
* Expertise in reading / interpretation of consultant and vendor’s technical documents
* Adequate understanding of process instrumentation systems – DCS and ESD/Safety-Trip systems
* Basic understanding of Project Scheduling and Planning
* Basic understanding of Projects financial evaluation techniques
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