



## Job Description

Name of the Company	Tatva Chintan Pharma Chem limited
Position	Head- Engineering
Role Purpose	To lead Projects & Maintenance of multipurpose specialty chemical plant by adhering to safety, Productivity, timeline & budget
Roles that he/she reports to	Head- Operations
Location	Dahej
Qualification	B E /ME - Chemical/ Mechanical Engineering
Years of experience	20 Years (Minimum 5 Years of experience as a HOD)
Focus Area	<ul style="list-style-type: none"> <li>• Develop full scale project plans, develop project team &amp; resources plan of setting multi-purpose multi product spl. chemical batch process plant</li> <li>• Understand designing (drawing, layout, P and ID, Isometric) of the project finalize it with Project Consultant</li> <li>• Planning &amp; commissioning of plant scale equipment for various fields of chemical engineering like mass transfer, Heat transfer, Mechanical operation, chemical reaction engineering, fluid, mechanics, environmental engineering in time bound frame work, with utmost safety &amp; budget controls</li> <li>• To be responsible &amp; accountable by handling maintenance of Engineering Equipment of Specialty Chemical Plant</li> <li>• Maintenance procedures and ensure effective implementation thru. Sound TQM practices such as 5 S, TPM, Kaizen, QC</li> <li>• Inspections &amp; Audits of the facilities to identify and resolve issues</li> <li>• Lead team of Projects &amp; Maintenance Team for effective execution</li> <li>• Monitor equipment &amp; spare inventory Management with utmost cost efficiency</li> <li>• Manage relationships with contractors and service providers</li> </ul>

### **KSA- Knowledge , Skill & Attributes**

- Understanding of SITE LAY OUT and philosophy, Understanding of individual block layout, philosophy , sizing ,placing
- Mechanical, Instrumentation, Electrical, Utility and Civil Engineering related work. Brown and green field projects. Safety devices and process safety management
- Boiler, Cooling Tower, Chiller, Thermic Fluid Heater, Compressor, Blower, Brine, Tank farm ,HVAC ,AHU,Fire fighting system and DG Set.
- DCS-PLC SCADA plant,Batch palnt, semi automatic plant, manual plants. Interlock systems,Instrumentation
- Fixed Bed Reactor, Packed Bed Columns, Filter Press, Rotary Vacuum Dryer, Filter Nutsch, Fluid Bed Dryer, Glass Lined Reactor, SS Reactor, APNF,Centrifuge, Tray Dryer, Sparkler Filter, Spiral Filter, Sandvik Make Granulator, Spray dryer ,Pneumatic conveyor, Multiple Effect Evaporator, Conical dryer, Spin flash dryer,Ballmill,Jet mill, pulveriser ,Powder manufacturing and R.O. system ,Plug flow reactor ,Crystalliser ,Dyno mill ,Bead mill, Cenomic mill , Solvent tanker earth monitoring system,Autoclave, Agitated Thin Film Evaporator ,Liquid-Liquid Extraction , Grinding and milling operations, chlorinator, Hydrogenator (25 kg/cm<sup>2</sup>),RVDF, Rotary kiln, Belt and screw conveyor system, ATFE.DM water plant.
- Resources and manpower planning , Budgeting, monitoring and coast controlling
- Knowledge of procurement , negotiation , placing order , monitoring works , offsite qc , timely delivery
- Knowledge of , PESO , Factory Inspector , GPCB , electrical inspector, Boiler & related laws & complaince
- Smooth transfer in planning & commissioning of plant scale equipment for various fields of chemical engineering like mass transfer, Heat transfer, Mechanical operation, chemical reaction engineering, fluid, mechanics, environmental engineering in time bound frame work, with utmost safety & budget controls
- Monitoring equipment mainatnave & Invetory, maintenance logs , analyse & improve
- Ensuring designated buildings, plant, and facilities are fit & available for production
- Adhering to safety & ensuring timely completion
- Efficetive Management of equipment inventory
- Minimizing downtime and disruption to manufacturing operations
- Increasing manufacturing output and machinary performance

### **Preferences**

- The Candidate who is not having frequent changes in career & stayed minimum 3+ years in at least two organization.
- The candidate who can join early.

### **Mandatory**

- To stay & settle with family either at Bharuch or Ankleshwar.