



## Job Description

Name of the Company	Tatva Chintan Pharma Chem limited
Position	Sr./ Manager- Tech. Transfer ( Fixed Bed Reactor)
Role Purpose	To establish & innovate continuous flow chemistry/FBR from R &D to commercial
Role Reports to	Head- Operation
Location	Dahej
Qualification	B E- Chemical Eng. from reputed university
Years of experience	10 to 15 Years
<ul style="list-style-type: none"> <li>➤ To handle smooth Operation of               <ul style="list-style-type: none"> <li>○ Catalytic Vapor face reaction</li> <li>○ Fixed &amp; fluidized based catalytic reactor operation,</li> <li>○ Zeolite Synthesis &amp; zeolite Process development up to commercial level</li> <li>○ Continuous flow chemistry</li> <li>○ Downstream processing, batch &amp; continuous</li> <li>○ Fix Bed Reactor</li> <li>○ Process parameters simulations</li> <li>○ Knowledge of FBR equipment requirements up to commercial level from 1kg catalyst to 1000 Kg. catalyst</li> <li>○ Instrumentation &amp; Control ,</li> </ul> </li> <li>➤ Review &amp; updating Material &amp; Energy balance, P&amp;IDs, equipment layout and elevation drawings</li> <li>➤ Finalization of Process Datasheets (Multi-Tube Fixed Bed Reactor, Columns, Heat exchangers, Vessels, tanks, pumps, compressors, etc.)</li> <li>➤ Reviewing Instrument Datasheets, (control valves, orifice, mass flowmeters, RTD, TC, LG, transmitters, PG, etc.)</li> <li>➤ Process Control Philosophy document preparation</li> <li>➤ Co-ordination with client / vendors / other departments</li> <li>➤ Plant Commissioning and hand over to production</li> <li>➤ Smooth Operation of 1 to 1000 Kg. FBR</li> </ul>	

### **Threshold skills and capabilities required to execute the role**

- HAZOP, P&ID, PFD, material & energy Balance
- Knowledge of New chemistry, green chemistry, fixed bed catalytic reactor, new products & chemical technological trends to build strategy
- Business acumen
- Ability to conduct technological analyses and research with safe & cost effective methods
- Leadership and organizational abilities
- Strategic thinking
- Problem-solving aptitude

To know more about Tatva Chintan kindly click below link:

#### **Our website**

<https://www.tatvachintan.com/>

#### **On linkedin**

<https://www.linkedin.com/company/tatva-chintan-pharma-chem-ltd/mycompany/?viewAsMember=true>

#### **on youtube**

<https://www.youtube.com/watch?v=8pzBWPw6e-U&t=2s>

#### **About Tatva Chintan**

The company has globally marked its business presence in multiple niche segments of the specialty chemical industry like Phase transfer catalyst (PTC), Structure directing agents (SDA), Electrolyte salts and solutions (ES), Pharmaceutical and Agrochemical Intermediates and other Specialty chemicals (PASC) & Brominated Flame Retardants (BFR). We specialize in undertaking niche chemistry such as Electrodialysis, Continuous flow chemistry, Photo-chlorination, Grignard, Isomerization, Ammoxidation, Etherification, Cyclization, Cyclic Amination, Ketone formation, C-C Coupling, Oxidation, Bromination & Solid State Distillation.