

**AMIT GAUR**

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**Seeking assignments in Value Engineering/Process engineering and Development/Process Design and Operation with a growth oriented organization of repute.**

### **PROFESSIONAL SYNOPSIS**

A dynamic professional with **6+ years of experience** in Process Engineering, Design and Operation.

Presently associated with Atul Ltd, (Gujarat, India) as Asst Manager: Process Design and Project.

Developed skills in Site engineering and project management.

Developed skills in doing Basic and Detail Engineering, Equipment sizing, Equipment Design, Preparing, reviewing, design/PFD, P&ID drawings, Equipment Datasheet, Equipment Layout & pre-commissioning.

### **PROFESSIONAL EXPERIENCE**

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**Since Nov'2011 – Present     Atul Limited, (Valsad)**

**As Asst.Manager – Process Engineering and Projects**

**(Which deals in Aerospace materials)**

**Since June'2010 – Oct'2011     Aarti Industries Ltd. (Vapi)**

**As Engineer**

### **Process and Project Engineering**

Process improvement by optimizing operating parameters, time cycle reduction, yield improvement, utility optimization. Solvent recovery.

Basic and Detail Engineering (including line-sizing, pump calculations, heat load and mass balance calculations).

Equipment Design and sizing. (like Reactor, Heat Exchanger, Distillation column, Scrubber, Pump sizing etc.)

Review vendor drawings.

Preparing, Studying and reviewing PFDs, P&IDs, Layout, Sectional.

HAZOP Study and pre-start up safety.

Designing out Pilot new process so as to scale up for commercial plant.

Pressure relief valve sizing.

Skilled & calculating in OEE of equipment's.

Insulation optimization.

### **Process and Project Management**

Functioning as an active member of simultaneous engineering, detailed engineering phases.

Coordinating the entire development activities including planning, Design Department, Production Engineering Department.

### **Piping Operations**

Line sizing for the operation involved

Providing design modifications of piping/piping supports as per the actual site conditions for pipelines as per standard design & specifications

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### **Projects Executed**

- **300 TPA 3,3 DDS (speciality chemical) manufacturing facility by hydrogenation  
(Under the Guidance of Mr. Hemant waghmare )**

Revision of P & I Diagrams and modifications, layout modifications.

Defining process control strategy for DCS operation

HAZOP study, Site engineering for structure, static and rotating equipment erection and piping.

Commissioning of equipments and DCS system.

Commissioning of Hydrogen Pressure reducing station.

Start up and shutdown of plant.

### **400 TPA MCB Recovery Plant**

Revision of P & I Diagrams and modifications, layout modifications.

In-house Basic engineering completed which include

Material & Energy Balance

Process Flow Diagram

P & I Diagram

Equipment Data sheet

Utility requirements

Preliminary equipment layout preparation.

### **1800 TPA DCDPS &1000 TPA 44 DDS**

Revision of P & I Diagrams and modifications, layout modifications.

In-house Basic engineering completed which include

Process Flow Diagram

P & I Diagram

Equipment Data sheet

Utility requirements

HAZOP study, Site engineering for structure

### **PROFESSIONAL QUALIFICATION**

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**B.Tech in Chemical Engineering** from Anand Engineering college(SGI Group),Agra

in 2010.

*Secured 61.0% marks.*

### **Academic & Professional Highlights:**

(PG Diploma in Oil & Gas) Process design Engineering from Suvidya Institute of Technology, Mumbai.

**Secured 87.8 % marks**

### **COMPUTER SKILLS**

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**Well versed with:**

Basics in C.

Basics of Aspen Hysys, Pro/II

MS-Word, Excel, Power point

## JOB RESPONSIBILITY

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Being a Process Engineer day by day responsibilities include:

Monitoring daily plant performances and optimizing the same by achieving specific consumption targets.

Coordinating with maintenance for trouble free operation.

Coordinating in modification and plant performance improvement jobs

Monitor start up and shut down activities, ensuring adherence to the procedure.

Identified areas of technical weakness and prevented disruption by timely trouble shooting of problems.

## PERSONAL DETAILS

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Date of Birth : 08.02.1988

Current Address : J 64, J type colony Atul. Dist.-Val sad. Gujarat

Permanent Address : Mannat Vila, Pushpanjali Colony (A.D.A) ,Rama Ghat Road Aligarh (U.P)-202001

Language Known : English, Hindi.

Present Salary : 5.5 (Per Annum)

Marital statues : Single

Sex : Male

## Organogram :

MD<-President<-vice –President<-GM<-Sr. Manager<-

Manager<-Dept.Manager/**Asst.Manager (self)**<-Sr.Engineer<-Engineer/MT