

# Resume

## AMOL WANDHARE

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### Professional Profile

Experienced Process Engineer with background of B. Tech. Chemical Engineering and MBA in Operation Management. I have 15+ years of technical and managerial expertise in leading teams through all phases of Project life cycle, Plant Operations, Process Engineering, Process Development, Scale-up and Technology Transfer. I have proven track record of successfully delivering green and brown field projects on time & within budget.

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### Core Competencies

- Established green field chemical process plant projects from concept to commissioning.
  - Prepare budget (CAPEX and OPEX) and proposals for projects.
  - Prepare project bar chart (detailed engg., project execution, project pre commissioning and commissioning) and work out critical path of project.
  - Preparing Basic and Detail engineering package for the proposals.
  - Preparing technical documents for equipment procurement and coordinate with equipment manufacture.
  - Vendor development for new technologies w.r.to project process suitability.
  - Safety related activities for the process scheme i.e., working with Safety team for pre commissioning and post commissioning HAZOP/ HIRA study and implementing suggestions of Safety department.
  - Process equipment selection and facility creation with respective Process and safety requirement along with Cost Effectiveness.
  - Experience in representing company at project and strategy meetings.
  - Coordinating with the liasoning team for statutory approval.
  - Proven abilities to enhance the process operations optimize resource & capacity utilization; escalate productivity & operational efficiency, while curtailing costs & expenses.
  - Proficient in developing and improving processes in plant to stabilize products as per process parameters along with yield improvement.
  - De-bottle necking and capacity enhancement of the existing plant in optimum budget.
  - Involvement in new product development projects from feasibility stage to commercial execution (Lab to Plant scale) by Designing, Planning and Executing. Process optimization studies to ensure process robustness and to improve quality, safety, cost, productivity.
  - Participating in initiatives for scale up and commercialization of new products, interact with internal Depts. for troubleshooting for launched as well as launch products in the pipeline.
  - Solvent recovery plant establishment and increase in solvent recovery.
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## Professional Career

Aster Pigment India Pvt. Limited, Dahej, Gujarat. (APIPL) Oct 2021 – Till date

Asahi Tennant's Color Pvt. Limited, Dahej, Gujarat. (ATCPL) May 2018 – Sept- 2021

### **Sr. Manager (Project Head) – Process & Project Engineering**

- Successful completion of Azo production (200 TPM) green field project in Dahej at record time of 12 months & budget (115 Cr).
- Understand processes from R & D and production dept. to make proposal.
- Prepare Business case, budget proposal for green field project and present it to top management.
- Basic and Detail engineering package preparation for the projects.
- Prepare road map of the project, planning & scheduling of the execution.
- Discuss and finalized consulting firm for the project whenever required.
- Evaluate tender document and finalization of contractor agencies.
- Developing Site master layout, Plant and utility layout in accordance with statutory requirements, local rules & regulations, involved in piping modelling, equipment modelling.
- Discussion with ETP consultants and finalization of effluent treatment schemes.
- Prepare technical document of equipment's required and lead procurement activity.
- Prepare & present weekly and monthly report of the project and identify gaps.
- Project co-ordination within function, with consultant/vendors and other stakeholders.
- Lead techno commercial discussion and clarify queries of vendor and consultants.
- Responsible for manage, guide and performance of project team for successful completion of project on time and cost.
- Handsome experience in getting project statutory approvals from authorized bodies related to pollution, land survey, electrical and water connection, building plan approval, pre-establishment and pre-operational approvals.

Sudarshan Chemical Industries Limited, Raigad (M. H.)

Aug 2011 - May 2018

### **Sr. Executive – Productivity and Process Engineering**

- Preparation of basic and detail engineering packages incl. batch cycle times, list and scope drawing preparation of equipment & instrument, PFDs, P & IDs, Data sheets, Utility calc's.
- Modified/ New plant layout preparation for brown filed projects.
- Prepare HAZOP, HIRA & FMEA with discussion of production, maintenance and safety team.
- Cost reduction through various projects on Yield, recovery and efficiency improvement.
- Process study to aim for capacity enhancement, technology up gradation and Cost reduction.
- Support production and R & D to scale up new products.
- Preparing a basic scheme for the new process proposals and find out the possibilities for executing the project on commercial level.
- One of the key team players in Renoir consulting firm worked for operational excellence.
- Group leader in Mckinsey consulting firm worked for new product developments projects.
- Successfully completed water reduction project at organizational level.
- Worked on COD reduction for high performance pigment plants.
- Worked on Solvent dyes manufacturing project from ideation stage.
- Successful completion of brown field (Capacity expansion) projects of High performance, AZO, Blue and green pigment manufacturing plants.
- Successful completion of new solvent recovery facility plant for DMF & IPA.
- Capacity improvement of solvent recovery unit of methanol & TAA.

Cipla Pharmaceuticals Ltd, Pune (M.H.)	Product Development engineer	Dec 2009 – Aug 2011
Lupin Pharmaceuticals Ltd, Bhopal (M. P.)	Production Officer	Aug 2008 – Dec 2009
Century Enka Limited, Pune (M. H.)	Chemical Process Engineer	Aug 2007– Aug 2008

- Study of new & existing processes to aim for yield & capacity enhancement.
- Worked on cost reduction projects for existing products.
- Responsible for new product validation batched with technology transfer team.
- Trouble shooting of intermediates and API's.
- Monthly production planning and report generation.
- Inventory cost management at Plant level.
- Involved in production planning & troubleshooting of intermediate API.
- Optimization of man & machine utilization to achieve pre-set production targets.
- One of the Team members for preparation & to face TGA, USFDA, MHRA, GMP, ISO audits.
- Worked on equipment efficiency & quality improvement of Nylon 6 plant.
- Worked on a project on waste reduction from the process.

### Career Highlights and Achievements

- Completed 115 Rs. Crore green field project of Asahi Tennant's Color Ltd. at Dahej, Gujarat in committed cost and time (12 Months) with zero accident.
- Successfully scaled up and validated 03 New Products in Sudarshan Chemical Ind. Ltd.
- Increased the process robustness of 6 products in Sudarshan Chemical Ind. Ltd.
- Played a key role in commissioning of new Pilot plant facility in Sudarshan Chemical Ind. Ltd.
- Savings of Rs. 4 Crore through capacity, yield and efficiency improvement projects in SCIL.
- Received 07 certificates of appreciation for different projects/initiatives in year 2013-14.
- Received outstanding contribution award for execution of Utility reduction project in Lupin Pharmaceutical Ltd. (2009)
- One of the team members while handling USFDA, MHRA, TGA, GMP, ISO audits.

### Academics

- **B. Tech. (Chemical Engineering)** in 2007 from Shri. S. G. B. Amravati University.
- **MBA (Operation Management)** in 2016 from ICFAI University.

### Training's / Certifications

- Attended training program on ICH Q7 guideline for cGMP.
- Attended training on SAP version 4.3 Production Planning modules.
- Attended training program on HAZOP at organization level.
- International level paper presentation on separation technology.

### Personal Details

- Marital Status: Married
- Languages Known: English, Hindi, Marathi
- Present address: A-6, Vaibhav Bungalows, Dahej bypass road, Bharuch 392001

Date:

(Amol D. Wandhare)

Place: