

RESUME

SUB:-

Application for the post of CHEMICAL ENGINEER

Dear Sir / Madam,

With the reference of advertise posted in TOI regarding opening for **CHEMICAL ENGINEER**; I am sending my updated resume for the same. I believe that I possess the type of qualification and qualities required for this job. I have good experience in Chemical Greenfield Projects ,Process and Production

CHEMICAL ENGINEER & LAST 19 YEARS Experience in **Process, Project and Production**, Maintenance OF Chemical, Pharma,Distillation, Water & waste water treatment ,DCS plant,Uf,Ro plant, Solvent Recovery plant,Chemical Distillation plant.

At the moment, I am working with NIPRO INDIA Sr. Engineer. 1 year Training in Japan – process & project of Dimethylacetamideplant by Continuous Distillation by MVR (Mechanical Vapor Recompression) Technology.

I have good experience in Chemical Greenfield Projects 1500 cr cost.

Total19 experience in Chemical Field- Production Project & Process engineering

Installation and commissioning, design, documentation Production, Process and Project engineering .

I would be delighted to work with you and becoming a part of growing organization. I have enclosed my resume for your consideration and would like the opportunity to discuss things in person with you. If you like to meet me to talk about this position and the specific tasks, please call **9987226755** to arrange a time that fits your calendar. I look forward to hearing from you and thank you ahead of time for your attention to my cover letter and resume.

Sincerely,

AMOL APARADH

9987226755

8551995119

amolaparadh2010@gmail.com

amolaparadh2010@rediffmail.com

Notice period: 1 month

Years of expr: 19 years

Ready to relocate anywhere.

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Profile

Objective To work for a professional organization, which would provide me avenues to utilize my skills effectively towards the growth of self & the organization.

Key Skills

<ul style="list-style-type: none"> ■ Production-Chemical ,Pharma,Distillery plant 	<ul style="list-style-type: none"> ■ MS-Office
<ul style="list-style-type: none"> ■ Process 	<ul style="list-style-type: none"> ■ Auto Cad
<ul style="list-style-type: none"> ■ Projects - Water and Waste Water TreatmentPlant&Amines plant,Distillation plant,Pharma plant 	<ul style="list-style-type: none"> ■ Labor Management and Cost Control ,Billing
<ul style="list-style-type: none"> ■ Operation and Maintenance 	<ul style="list-style-type: none"> ■ Preparation of BOQ
<ul style="list-style-type: none"> ■ Instrumentation 	<ul style="list-style-type: none"> ■ Fire Fighting and safety

Experience in work in 2 Greenfield Projects cost 15000 cr.

AREA OF SPECIALIZATION :

Process Engineering, Projects (Fabrication, Erection & Commissioning) and Production.

1.Process Engineering: basic engineering

- Knowledge of simulation software like, HYSYS, UNISIM, HTRI.
- Basis engineering calculations.
- Heat and Mass balance.
- Read and Prepare PFD (Process Flow Diagram) and P&ID (Piping & Instrumentation Diagram).
- Pressure drop calculation, line sizing, etc.
- Design Columns, Reactors, etc.
- Design Heat Exchangers.
- Heat load calculation of reboiler and Condenser.
- **Utility section, working on Cooling Tower, Boiler, Air Dryer unit, Air compressor unit, Nitrogen unit, Effluent Treatment Plant, Water treatment plants, Electrical dept.**
- **Instrumentation section. Hydrogen unites**
- **Worked on this area. Experience in Project and Process and Production in Chemical Industry. Experience in FEED , detail engineering, basic engineering, concept to commissioning of utilities such as Cooling Tower, Boiler, Water Treatment Plant, DM Water, Raw Water UF Water RO Water. Scrubber System.**

2.PROJECTS:

1.Erection and Commissioning of Continuous Distillation Plant (120 KLPD capacity)

2. AMINES PLANT, PHARMA PLANT, DISTILLERY PLANT, WATER&WASTE WATER TREATMENT PLANT.

3.PRODUCTION:

Job profile:

- Increasing the production.
- Maintain the quality of the product.
- Handle the manpower.
- Maintenance of the plant during shut down.
- Troubleshooting.
- Maintain process parameters.
- Sampling of the product.
- Shut down and start-up of the plant.
- Maintain documents.
- Working on DCS.
- Achieve the production targets given by management.
- Manage the shift schedule.
- Training to fresher and new engineers.
- Material Balance and Energy Balance.
- Maintenance of the plant/unit.
- Prepare and maintain daily routine documents.
- Prepare SOPs.
- Trouble shooting.
- Start-up and Shut down of the plant.

Education

Dip. Chemical Engineering from Dr. D.Y. Patil College of Engineering 2004
Higher Secondary Certificate from Kolhapur Board.
Secondary School Certificate Exam from Kolhapur Board .

Work Experience

Present Employer	Nipro India Corporation pvt ltd
Designation	Sr.Process Engineer
Duration	JUNE 2011 to till date
Reason For Leaving	Better opportunity

Work profile:

NIPRO INDIA LID PUNE PROCESS +PROJECT ENGINEER DMAC- DISTILLATION UNIT

Present:

- Working in "Nipro India Corporation Pvt Ltd", As Engineer Distillation Since June 2011 to till date.
- About Company:
- Nipro is MNC Company, manufacturing the Dialyzer. The Recovery of Dimethylacetamide by Continuous Distillation by MVR (Mechanical Vapor Recompression) Technology.
- **Job profile:**
- Erection and commissioning of equipment's and instruments involved in this projects. Preparing BOQ for work and negotiating with third party. Proficient and familiar with Erection, Commissioning and Testing of plants. Handle contractors, sub-contractors. PREPARATION SOPS. (DMAC DISTILLATION RECOVERY Plant), equipment's. Also aware of calibration of various equipment's like underground tank SS reactor, Pumps, Electro chlorinator, Alum dosing, valves, Blowers, Mixer, Decanter, Digester, Centrifuge, glass line reactor, DCS & PLC system. Packed column, heat exchanger, dryer, vacuum pumps, and tanks.
- Eight Months training in Japan – process & project DMAC recovery plant.
- Study of MVR Technology in continuous distillation.
- Recovered the Dimethylacetamide by continuous distillation.

Working on DCS(YOKOGAWA)

Past Employer	Reliance-NMSEZ Pvt. Ltd., CBD Belapur, Navi Mumbai
Designation	Executive Engineer-project+process
Duration	Apr 2008 to Oct 2011
Reason For Leaving	Better opportunity

Work profile:

- Installation of new pipe line (G.I) for water connection.
- Operation, Maintenance, Erection, Commissioning and Testing of Electromechanical Equipment's.
- Preparing BOQ for plumbing work and negotiating with third party.
- Erection and commissioning of equipment's and instruments involved in water waste water treatment & amines plant &pharma plant.
- Providing optimum solution of automation.
- Dealing with vendors/ getting quotation for instruments, equipment's and technical or non-technical works.
- Giving presentation after completion of each phase of project.
- Providing updates to higher delegation regarding work complete, present work and ongoing activities.
- Arranging meetings for discussion of technical and non-technical issues.
- Preparing milestones of tiny projects.
- Operation and Maintenance of electromechanical peripherals involved in service of water and wastewater pipelines of SEZ.
- Maintenance of Dewatering Pumps.
- Negotiating labor charges.
- Labor management / arrangement.
- Generating MIS reports of equipment's.
- Summary of Executed Projects

- **AMINES PLANT ,PHARMA PLANT ,DISTILLERY PLANT,WATER&WASTE WATER TREATMENT PLANT-**
- Erection and commissioning of equipment's and instruments involved in this projects. Preparing BOQ for work and negotiating with third party. Proficient and familiar with Erection, Commissioning and Testing of plants (Amines Plant, Spray Dryer Unit and Distillery Plant), equipment's. Also aware of

calibration of various equipment's like underground tank SS reactor, Pumps, Electro chlorinator, Alum dosing, valves, Blowers, Mixer, Decanter, Digester, Centrifuge, glass line reactor, DCS & PLC system.

- **Sequence Batch Reactor (SBR)-Bokadvira, Uran**

It is nothing but Sewage Treatment Plant (STP). Wastewater from residential and industrial area will gather here for treatment purpose. It will go thru various purification processes like Chlorination, Oxidization, and Alum Dosing etc. To make it fully automatic a dedicated system; PLC will be accommodate in control room along with HMI. To operate this plant remotely a modem will be provided which will take data from PLC and will provide to centralize SCADA. Treated water from this plant will be used for the purpose Road Cleaning and Trees. This project is at execution stage at present. There are total 10 members totally and partially involved in this project. March 2009 is the deadline given for us to complete the project. Capacity of this plant is 260meter cube.

- **Underground and Above Ground Pipe Line-Gawhanphata MBR to Dronagiri**

- Welding
- PU (Poly-Urethane) Coating
- Cement Mortar Lining
- Cathodic Protection

- **Dynasand: Water Purification Plant-CBD Belapur**

- The DynaSand filter is an up flow, deep bed; granular media filter with continuous backwash. The filter media is cleaned by a simple internal washing system that does not require backwash pumps or storage tanks. The absence of backwash pumps means low energy consumption. The DynaSand filter's deep media bed allows it to handle high levels of suspended solids. This heavy-duty performance may eliminate the need for pre-sedimentation or flotation steps in the treatment process in some applications.

Deepak Nitrite Ltd. Taloja	PROCESS+PROJECT Engineer	April 2006 to April 2008
Sandoz Pvt. Ltd. (API -Plant) Turbhe	Apprentice Engineer	Feb 2005 to March 2006
ShreeTatyasahebKoreWarana Distillery Plant-Kolhapur <i>(Leading distillery plant production of ethanol from molasses)</i>	Trainee Production Engineer	January 2004 to January 2005

Delegated Tasks

- Worked in production in distillery plant, amines plant and API Plant. Handling all unit operation like Centrifuge, Distillation, evaporation, Drying, Milling, Sieving, Cooling, Blending and Packing.
- Worked in batch process and continuous process.
- Handling various reactions at different temperature & pressure.
- Worked in Spray Dyer Unit.
- Handling hazardous Catalyst and Chemicals.
- Experience of handling different bulk drugs (API's) with GMP & Safety.
- Attend Industry Training firefighting & safety with practical demo.
- Proficient and familiar with Erection, Commissioning and Testing of plants (Amines Plant, Spray Dryer Unit and Distillery Plant), equipment's. Also aware of calibration of various equipment's like underground tank SS reactor glass line reactor.
- Handling DCS & PLC system.
- All types documentation like BMR log book maintain including Auditing and Inspection.
- Able to handle process instruments.
- Inventory and Control
- Preventive Maintenance.
- Raw-Material and Final Product management.
- Sampling of products.
- Maintenance during shut down.
- PH and color testing of chemicals, Experienced of Recovery Plant.

Certificates and Training Received

- Seminar attended- Nicotine contains in Gutkha sample.
- Certificate received in honor of Karan Industry-Kolhapur (Industrial Training).
- Reports prepared and compiled on study of various Water and Wastewater Systems.
- Firefighting and Safety training program.
- NCC "A" certificate. & attend NCC training camps.
- Certificate received in honor from SANDOZ pvt ltd for to protect site from fire.
- Regular visit to suppliers for quality inspection of materials.

Strength

- Technical and Analytical skills.
- Good team player.
- Ability to work hard & Positive approach

Academic Project

MANUFACTURING PROCESS OF XYLITOL FROM BAGASSE.

Activities and Interests

- Member of departmental cricket team '01' '02' '03'

- Member of enter class team cricket wining team '02'
- Member of blood donation camps in the collage.
- Member of sports-club in collage 01 to 03.

Drawing Able to draw any engineering or non-engineering drawings
Softwares Learning new TECHONOLGY is my passion
Linguist Proficient in translating transcript from English to Marathi and vice versa

Languages

Marathi (native) **English** (fluent) **Hindi** (fluent)

Software, Operating Systems and Computer Languages Knowledge

MS-Office 2007

Auto Cad

Linux

C++

Personal information

Marital Status Married
Height 170cm (5 ft. 7 in)
Weight 65 Kg

Passport Number J5035738

References

Mr. Anil Kokane	Project Manger Tandon& association ltd, Navi Mumbai 9004399904
Mr. Satish Raut	Manger,Sandoz pvt ltd, Navi Mumbai 7738389717