

# KUNAL SURESH AGALAVE

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## CAREER OBJECTIVE

To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

## EXPERIENCE

**Organization Name** : FLAMINGO PHARMACEUTICALS LTD (TALOJA MIDC, PANVEL, RAIGAD)

**Position** : Mechanical Maintenance and Documentation Officer.

**Working Status** : Currently Working From 20<sup>th</sup> Feb 2021

### Job Profile:

#### a. Personal responsibilities :

- i. **Monitoring Predictive Maintenance of Plant.**
- ii. **Monitoring & Maintenance of Boiler.**
  1. 2TPH THERMAX F.O. BOILER.
- iii. **Monitoring & Maintenance of Chiller** 200TR Train Chiller.
- iv. **Monitoring & Maintenance of Compressor**  
Chicago Pneumatic 450CFM Two Stage Air Compressor.
- v. **Monitoring & Maintenance of DM Plant**
- vi. **Maintenance of Pumps**
  - a. Centrifugal Pump
  - b. Vacuum Pump
  - c. Diaphragm Pump
  - d. Screw Pump
  - e. Rotary Pumps
- vii. **Maintenance of AIR HANDLING UNIT.**
- viii. **Maintenance of Granulation Machine, Blending Machine, Coating Machine.**

**Organization Name** : APCOTEX INDUSTRIES LTD. (ISO-9001, ISO-14001, OHSAS-18001) (TALOJA CHEMICAL DIVISION, PANVEL, RAIGAD)

A Leading manufacturer of Synthesis rubber, Synthesis latex, Nitrile latex, Acrylic latex, VP latex.

**Position:** Trainee Engineer ( Maintenance & Utility Operation ) **Presently Working from:** 11<sup>th</sup> Non 2019 to 11<sup>th</sup> Nov 2020 **Job Profile:**

**a. Personal Responsibilities :**

**i. Monitoring Predictive Maintenance of Plant.**

**ii. Monitoring & Maintenance of Reactor Mountings iii. Monitoring & Maintenance of Boiler and Mountings.**

1. 3 TPH THERMAX F.O BOILER.
2. 3TPH FORBES MARSHALL C.O
3. **iv. Monitoring & Maintenance of Chiller .**

1. 600 TR TRANE Make Multistage Centrifugal Compressor.

**v. Monitoring & Maintenance of Compressors.**

1. Two stage double acting reciprocating Compressor of Kirloskar Make.
2. Centrifugal Compressor Cameron Make .

**vii. Monitoring & Maintenance of ETP.**

**viii. Vii. Participation in Plant Shutdown Work.**

**viii. Also having good knowledge and working experience on\_:**

1. COOLING TOWER.
2. HEAT EXCHANGER
3. DM PLANT.
4. PUMP - (Centrifugal pump, Reciprocating pump, Gear pump & AODD, Vacuum Pump)
5. SOFTNER.
6. GEARBOX- GREAVES MAKE WORM AND WORM WHEEL TYPE (30:1 &60:1)
7. AGITATOR
8. UTILITY OPERATION- DCS SYSTEM

**ix. Maintaining 5S, TPM in plant.**

**x. Indent preparation procurement, inspection, indent material.**

**xi. Project Participation**

1. Industrial internet of things.{IIOT}.

## TECHNICAL SKILLS

Ms office /Excel/PPT  
CNC Programming  
Ansys  
SAP

## PROJECTS

- **3D Printed IC Engine Bore Design With Polymer Material (B.E.)**
  - a) To design a IC Engine bore Fins by different geometry.
  - b) To study the air flow impact om the fins heat transfer rate using CFD.
- **Bottle Filling Machine (Diploma)**
  - a) With the help of Geneva mechanism fill the bottles with the machine setup.
  - b) We used Synchronous Electric Motor.
  - c) It divided into, the loading section, bottle plate section, filling section.

## INTERESTS

- Maintenance
- Production
- Quality

## EDUCATION

- **B.E MECHANICAL**  
Chhatrapati Shivaji Maharaj Institute Of Technology, Panvel  
5.88 CGPA 2018
- **DIPLOMA MECHANICAL**  
Bharti Vidyapeeth Institute Of Technology, Kharghar  
57.61% 2015
- **HSC**  
CKT Jr. College New Panvel  
52.50% 2011
- **SSC**  
CKT VIDYALAYA NEW PANVEL  
76.30% 2009

## PERSONAL PROFILE

Date of Birth : 21/02/1994  
Marital Status : Single  
Nationality : Indian  
Known Languages : English, Marathi, Hindi  
Hobbies : Playing Athletic Games, Cooking  
Teaching, Reading Books.

## PERSONAL STRENGTHS

- Creative, Enthusiastic, Well organized and able to get along well with people.
- Ability to work independently or as a part of team, Ability to understand, Grasp, Develop and work on new projects.

## **DECLARATION**

I here by declare that the above furnished information is authentic to the best of my knowledge.

Date : / /2023

Place : Panvel

**KUNAL SURESH AGALAVE**