# KUNAL SURESH AGALAVE.

ADD: Neelkanth jyot, A wing 001, Sector-7, Plot No.6/7,

Khanda colony, New Panvel(W), Pin no: 410206

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# WORK EXPERIANCE:

**APCOTEX INDUSTRIES LTD. (ISO-9001, ISO-14001, OHSAS-18001) (TALOJA**

**CHEMICAL DIVISION, PANVEL, RAIGAD)**

Designation : Engineering Trainee (Apprenticeship) In Maintenance Department. Duration : November 2019 to November 2020

# DUTIES AND RESPONSIBILITIES:

**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 **iv. Monitoring &**

**Maintenance of Chiller .**

1. 600 TR TRANE Make Multistage Centrifugal Compressor.

**Monitoring & Maintenance of Compressors.**

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

**Monitoring & Maintenance of ETP.**

**Participation in Plant Shutdown Work.**

**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

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

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

**Project Participation**

1. Industrial internet of things.{IIOT}.

# SKILLS DEVELOPED:

1. in Technical Documentation like SOP for Safety, Quality & Material Handling work. Man power handling. (By knowing the capability of person assigning him the task)
2. Problem solving
3. Communication skill
4. Planning of men, material & machines

# PROJECT:

#  1. 3D Printed IC Engine Bore Design With Polymer Material (BE Project) Project Summery

1. To design a IC Engine bore Fins by different geometry.
2. To study the air flow impact on the fins heat transfer rate using CFD.

 **2. Bottle Filling Machine (Diploma Project)**

1. With the help of Geneva mechanism fill the bottles with the machine setup.
2. We used Synchronous Electric Motor.

# It divided into, the loading section, bottle plate section, filling section

#  TECHNICAL SKILLS

1. SAP
2. Ms office /Excel/PPT
3. CNC Programming
4. Ansys

# EDUCATIONAL QUALIFICATION:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Qualification | School/College | Board/ University | Year of Passing | Percentage/ CGPA |
| B.E. Mechanical | Chhatrapati Shivaji Maharaj Institute Of Technology ,Shedung - Panvel | Mumbai University | 2018 | CGPA 5.88 |
| Diploma Mechanical | Bharti Vidyapeeth Institute Of Technology, Kharghar | MSBTE | 2015 | 57.61% |
| HSC | CKT Jr. College New Panvel | Maharashtra State Board | 2011 | 52.50% |
| SSC | CKT Vidyalaya New Panvel | Maharashtra State Board | 2009 | 76.30% |

**PERSONAL DETAILS:**

Name : Kunal Suresh Agalawe

Date of Birth : 21st February 1994

Gender : Male

Nationality : Indian

Religion : Hindu

Languages Known : Marathi, Hindi and English

Marital Status : Unmarried

Hobbies : Playing Cricket, Watching TV

#

# DECLARATION:

I consider myself familiar with all aspects Mechanical Engineering. I am also confident of my ability to work in a team with diverse backgrounds.

I hereby declare that the Information furnished above is true to the best of my knowledge and belief.

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| --- | --- | --- | --- |
| **Place:** |  |  | **Signature** |
| **Date:** | **/** | **/** | **(Kunal S Agalave)** |