

# Mr. KSHITIJ KISHOR MAHADIK

## Mechanical Engineer

“A challenging position in rapidly growing manufacturing industries that utilizes innovative technology, which would best utilize my knowledge”

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### WORK EXPERIENCE

#### **1. Production & Maintenance Executive**

Smither's OASIS India Pvt. Ltd. Taloja-Panvel.

09/2019 - Present

*Smither's OASIS India is a chemical company produces Floral Foam, Grower Foam & Temperature Control Packing in various sizes.*

#### **Tasks:**

##### **Production:**

- Responsible for Production and Raw material planning.
- Process control of Foaming, Cutting & other production related activities.
- Safety responsibilities for Molds, Bucket Trolley, Cold Room, Utility and other production related foaming equipment.
- Document control for production, packing, quality, customer complaints etc.
- Supervision of all production related activities and manpower allocation on machines
- Maintain production records.
- Evaluate and improve on processes in manufacturing systems by adopting structured methods like time study, Kaizen.

##### **Maintenance:**

- Installation and commissioning of machines
- Implementation of Preventive Maintenance plan as per schedule
- Attending Break downs of machines.
- Pump maintenance, Screw Compressor Maintenance, Dust Collector Maintenance.
- Vacuum sealing machine maintenance, CNC router machine maintenance.
- Foam cutting machine & its pneumatic system maintenance, VFD maintenance & troubleshooting.
- Modular Belt conveyor maintenance & alignment, Baling Machine maintenance.
- Inspection of belt alignment & coupling alignment & wearable parts.
- Monitoring daily activities of utilities such as DG, Transformer, Electric water heater system.

##### **Purchase:**

- Machine Spare Parts purchase & inventory control
- Raw material (Chemicals, Cartons, Packing material) purchase & inventory control.
- New vendor development & negotiation with vendors for best pricing.
- Issuing purchase orders & invoicing, payment follow up from accounts.

##### **Safety:**

- Responsible for Mock drills, safety audits, safety meetings and safety related activities.
- Maintenance & records of Fire-fighting equipment.
- Providing safety tools for employees --PPE

### **Projects Executed:**

1. Installation of Vacuum sealing machine successfully. (Incl. Manufacturing plant visit, sample testing, working result testing before installation)
2. Installation of 30 HP screw compressor successfully.
3. Installation of Double Molds by replacing single molds system successfully.
  - a. Incl. Safe unloading & inspection of imported Machineries at JNPT Port.
  - b. Planning of plant shutdown, material stocking planning for the shutdown period,
  - c. Designing of floor plan for installation of new machineries.
  - d. Performed actual installation of machines as per plan & completed project in the scheduled time period.

### **Current CTC:**

3.30 Lacs P.A.

## **2. Mechanical Maintenance Engineer**

Royal Carbon Black Pvt. Ltd. Patalganga.

04/2018 – 09/2019

*Royal Carbon Black is a chemical company which produces pyrolysis oil & carbon powder from used tyres.*

### **Tasks:**

- Maintenance shift handling individually.
- Allocating work to team of fitters and monitoring the work personally by going on site.
- Designing & implementation of machinery upgrades.
- Planning of shutdown in accordance with process & production planning. Attending breakdowns to reduce downtime of machines. Carrying day to day preventive maintenance.
- Reactor maintenance, Grinding machine maintenance, Cooling tower maintenance, Reactor furnace & burner maintenance, condensers maintenance.
- FD fan, ID fan, centrifugal pump, gear pump, vacuum pump, screw compressor maintenance & alignment.
- Belt conveyors, link joint conveyors, screw conveyors, bucket elevator maintenance.
- Material procurement- Requisition entry, indent entry, indent approve.
- Undertaking all duties safely in accordance with company health, safety policy & permit systems.

### **Project Executed:**

1. Design & installation of Bucket Elevator & Inclined Belt conveyor successfully.
2. Design & re-fabrication of tube & shell condensers successfully.

### **Skills:**

1. Leadership and organizing skills.
2. Good knowledge of pumps, blowers, reactors & condensers.
3. Vendors search & management.

## **Academic Record:**

Sr.No.	Institute Name	Course	Year of Passing	Percentage/ CGPA
1.	JBSPS- Institute of Industrial Safety	Advanced Diploma in Industrial Safety	2021	90.82%
1.	Konkan Gyanpeeth College of Engineering, Karjat	Bachelor of Engineering (Mechanical)	2017	CGPA: 6.62
2.	Private High School & Junior College Pen, Raigarh	HSC	2013	78.83%
3.	Private High School, Pen, Raigarh	SSC	2011	89.82%

## **Training & Projects:**

1. Internship at Reliance Industries Ltd. Patalganga.
  - Study of Boiler, Gas turbine, Steam turbine & Compressors.
2. Completed “Professional in Product Design & Analysis” from CADD Centre, Vashi.
  - Auto CAD, CATIA V5, ANSYS.
3. Project on Design and Fabrication of Rice Transplantation Machine.

## **Extra- Curricular:**

1. President of MESA (Mechanical Engineering Students Association) in year 2016-17.
2. Administrative Head of MESA for the academic Year 2015-16.

## **Personal Details:**

Date of Birth : 15<sup>th</sup> JUNE 1995  
Gender : Male  
Age : 26  
Mother Tongue : Marathi  
Nationality : Indian  
Contact Number : 9561997270 / 7020802844  
Email ID : [kshitijmahadik007@gmail.com](mailto:kshitijmahadik007@gmail.com)  
Languages Known : Marathi, English & Hindi.  
Correspondence Add. : 9/10, PL6(A), Sahyadri Apt, Khanda Colony, New Panvel, 410206.  
Permanent Address : ‘VATSALYA’, Vishveshwar nagar, Pen-Raigad, 402107.

## **DECLARATION**

I, Kshitij Kishor Mahadik hereby affirm that all the details furnished above are true and correct to the best of my knowledge and belief.

Place:

Signature

Date:

(Kshitij Kishor Mahadik)