

## **DURGAPRASAD SHETTY**

**“Chandra nilaya”**

D-No:1-184 C 13

Shivagiri nagar

Hosabettu post, Mangalore.

Karnataka

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### **OBJECTIVE:**

A versatile **Mechanical Engineer in Bachelor of Technology** with around **3 YEAR** of Maintenance & Operation & shutdown experience, and to be associated with a progressive organization which can provide me with a dynamic work sphere to extract my inherent skills as a Professional, and develop my aptitude to further the organizations objectives and also attain my career targets in the progress.

### **WORK EXPERIENCE :**

#### **1.C2C TECHNOSOFT PRIVATE LIMITED:**

Worked as “**Mechanical Maintenance & Operation Supervisor**” under **M/S C2C TECHNOSOFT PRIVATE LIMITED** looking after **process** and **OMS** maintenance jobs in **ONGC Mangalore Petro chemicals limited, Mangalore** from **July 2015** to **Aug 2016**.

#### **Activities undertaken:**

- Monitoring of day-to-day activities, dealing with senior engineers.
- Manpower planning for plant day-to-day operation & maintenance work.
- Issuing work permits and receiving work progress for safe conduct of operations.
- Familiar with pump alignment, AFC (Air Fin Fan) jobs.
- Maintenance and supervising the efficient operations of the centrifugal pumps, positive displacement pumps, diaphragm pumps during loading/unloading operations.
- Checking pump seal leak, if so replacing it with a new seal.
- Looking after pump strainer cleaning & valve maintenance for efficient flow.
- Sampling and gauging procedures as per OISD standards.
- Sphere/tank lineups during vessel off-loading and on loading.

- Routine maintenance of Tank Farm, pump house and maintenance of Internal Floating Roof (IFR) with Nitrogen Blanketing and External Floating Roof (EFR) Tanks used for storing Aromatics products.
- Handling operations of equipment such as firewater engines, compressors.
- Documentation of various works, billing undertaken for the respective months.
- Work under plant shutdown jobs too on the same site.
- Familiar with Maintenance and Operations of loading arms at NMPT Jetty area for dispatch of Para xylene, Benzene and Receipt of Naphtha.

## **2.CONTRACT RESOURCES PETROCHEM SERVICES PVT LIMITED(CR ASIA) :**

- Designation : Project engineer
- Experience : AUG 2016 to present

### **Shutdown & Turnaround Experiences:**

- Co-ordinate with different departments of the firm to carry out shutdown or turnaround jobs mainly related to overhauling of Heat Exchangers, vessels, Coolers, Columns, Heaters and Catalyst un-loading and loading of Reactors in a petroleum Refinery.
- Investigated equipment failures to diagnose faulty operation and made appropriate maintenance recommendations.
- Interpreted blueprints, technical drawings, schematics and computer-generated reports related to the shutdown activities.
- Provided technical direction to other engineers and technicians
- Prepared, checked and coordinated documentations to control Preventive & Breakdown maintenance.
- Collaborated with clients, engineers, contractors and sub-consultants.
- Prepare project reports and assessments
- Scheduling of resources and activities.
- Oversee refinery maintenance services: reactor catalyst replacement and internals overhaul.
- Execution of job with prime importance to quality and safety.

## **Projects worked upon :**

### **1. Numaligarh Refinery Limited : H2U, Tubular Reformer, HCU :**

- Hydro cracker unit (HCU) Catalyst unloading and loading (vendor chevron)
- Motor spirit plant (MSP) Catalyst unloading and loading
- [MT](#) shift convertor Catalyst unloading and loading

- Hydro sulfides reactor Catalyst unloading and loading
  - Reformer spiral loading(haldor topsoe)
  - DHDS reactor unloading and loading
2. **Hindustan Petroleum Corporation Limited, Mumbai, Maharashtra :**  
Shutdown – Catalyst unloading and loading.
  3. **Bharath petroleum Corporation Limited, Mumbai, Maharashtra.**  
VGO UNIT- catalyst unloading and loading
  4. **Indian Oil Corporation limited Gujarat.**  
DHDS UNIT-- catalyst unloading and loading
  - 5.**Kochi refinery Kerala.**  
VGO UNIT-catalyst fresh loading
  - 6.**Mangalore refinery petrochemical limited Mangalore.**  
Overhauling of 110 heat exchangers and 19 air fin fan cooler in CDU(phase 3).
  7. **Chennai petrochemical corporation limited.**  
Catalyst unloading and internal trays replacement.
  8. **Mangalore refinery petrochemical limited Mangalore.**  
Sulphur unloading in SRU reactor
  9. **Mangalore refinery petrochemical limited Mangalore.**  
Currently working in MRPL in HCU unit under CR ASIA. Handling reactor, 102 shell and tube exchangers,Column,11 breech lock exchangers.

### **Area of Interest:**

- Fluid mechanics
- Advanced Manufacturing Technology
- Machine Element Designing
- Engine components, pumps and fuel
- Pressure vessel design knowledge

### **Projects:**

- Prepared & presented a seminar on “**FLAME JET DRILLING**”
- Carried out project on “ **development of Aluminium iron intermetallic alloy by novel method**” in B.E course

### **PERSONAL SKILLS:**

- Listening to other employees and act to it with minimum guidance and maintain a lasting relationship.

- Excellent team building qualities and task approach through Team Work.
- Hard work, diligence and honesty.
- Learning new concepts through excellent grasping power.
- Perseverance in achieving my dreams and Self-Motivation in achieving the same.

**PERSONAL DETAILS:**

Father's Name : Late K Chandrahasa shetty  
Date of birth : 10/12/1993  
Language Proficiency : English, Hindi, Kannada, Tulu.  
Passport : Valid

**DECLARATION:**

I hereby declare that the information mentioned above is true to the best of my knowledge and I bear the responsibility for the accuracy of the above mentioned particulars.

Place: **MANGALORE**

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