**DURGAPRASAD SHETTY**

**“Chandra nilaya”**

D-No:1-184 C 13

Shivagiri nagar

Hosabettu post, Mangalore.

Karnataka

**Email Id:** [dpdurgaprasad84@gmail.com](mailto:dpdurgaprasad84@gmail.com)

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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](http://3.MT/) shift convertor Catalyst unloading and loading
* Hydro sulfides reactor Catalyst unloading and loading
* Reformer spiral loading(haldor topsoe)
* DHDS reactor unloading and loading

1. **Hindustan Petroleum Corporation Limited, Mumbai, Maharashtra :**

Shutdown – Catalyst unloading and loading.

1. **Bharath petroleum Corporation Limited, Mumbai, Maharashtra.**

VGO UNIT- catalyst unloading and loading

1. **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-Motivationin 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** **DURGAPRASAD SHETTY**