



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL SOP

| | | | |
|--------------------------|-------------|------------------------------|-------------|
| Issue No. 01 | Rev. No: 02 | Effective Date:17.10.2017 | SOP/MEC/052 |
| Issued By: M.R | | Approved By: HOD -Mechanical | |
| SOP Thruster replacement | | | |

Scope: Replacement of thruster.

Responsibility: Section Engineer

Accountability: Mechanical - Section Incharge

PPE:

1. Safety helmet,
2. Safety shoe,
3. Mask.
4. Gloves – Cotton knitted
5. Ear Plug
6. Safety belt
7. Goggles

TOOLS:

1. Box spanner set.
2. Ring spanner set.

Hazard Analysis:

Risks associated:

Dust emission

Tool Slip

Mitigating Measures

Use Nose Make, Goggles & Ear Plug.

Use appropriate tools.

REPLACEMENT OF Thruster replacement:

1. Take the TLM in position.
2. Take LOTO Permit for truck loader.
3. Ensure to usage of PPE and dust mask where ever required.
4. Remove the thruster.



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| SOP Thruster replacement | | | |

5. Fix new thruster.

7. Clear the line clearance and take trial run.

Emergency / Emergency Shut OFF:

If any injury takes place, provide First aid and inform to the Safety department or Call
Emergency number 3108/9865152222

Records/Annexure:

1. Refer Line clearance certificates.
2. JSA as enclosed below

JOB SAFETY ANALYSIS :(JSA)

| Job Safety Analysis | Job: Replacement of wire rope | Date: 01/09/2014 | Analysis by: Section Engineer | Reviewed by: Section Head |
|---|-------------------------------|--------------------------------|----------------------------------|---|
| Title of employee doing job: | Supervisor: Sr. Engr. | Department: Mechanical | Section: Plant | Approved by: HOD Mechanical |
| Req'd/recommended PPE: Safety helmet, Safety shoe, & Hand gloves. | | | | |
| Sequence of Basic Job Steps | Potential Hazards | Recommended Safe Job Procedure | What Could Go Wrong | Corrective Action |
| Removing and fixing of thruster | Hit injury | Using the proper tools | Falling of thruster | Ensure the proper tools for holding thruster. |