



## DALMIA CEMENT (B) LIMITED – ARIYALUR

### MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date:01.11.2019	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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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.