



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date:17.10.2017	SOP/MEC/053
Issued By: M.R		Approved By: HOD -Mechanical	
SOP-JSA for TRUCK LOADER WIRE ROPE REPLACEMENT			

Scope: Replacement of Truck Loader Wire Rope

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:

Mitigating Measures

Dust emission

Use Nose Make, Goggles & Ear Plug.

Tool Slip

Use appropriate tools.

SOP for the truck loader wire rope replacement:

- 1) Position the Truck loader at bottom end , Stop the truck loader & take the Line clearance of the drive.
- 2) Use PPE.
- 3) Make the temporary platform for holding the truck loader assembly at extreme end and remove the wire rope clamps.



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- 4) Remove the guide pulley bolts and wire rope.
- 5) Fix the guide pulley with locking arrangement.
- 6) Replace the new wire rope as desired length & fix the wire rope clamp.
- 7) Clear the Line clearance and take trial.

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.



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