



DALMIA CEMENT (B) LIMITED, Ariyalur

Mechanical SOP



Issue No:01 Rev No:02 Effective Date:17/10/2017 SOP/MECH/047

ISSUED BY : MR APPROVED BY: HOD Mechanical

TRUCK LOADER TONGUE PLATE REPLACEMENT

Scope: Replacement of truck loader tongue plate

Responsibility: Engineer/SH

PPE:

1. Safety helmet
2. Safety shoe
3. Mask
4. Hand gloves
5. Safety goggles

TOOLS:

1. spanner set
2. Hammer
3. Crowbar

Hazard Analysis:

Risks associated:

Finger injury

Mitigating Measures

Usage of Hand gloves

Procedure:

1. Stop Machine at bottom end and Take work permit as per LOTO standards
2. Use PPE's while working.
3. Make the temporary platform for removing of tongue plate.
4. Remove the both hinge bolts by lifting the plate.
5. Remove the tongue plate & place the new tongue plate.
6. Fix the hinge bolts & locking bolts desired position.
7. Clear the LOTO permit and take trail 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:

Refer LOTO standards/permit & JSA is enclosed below.



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JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job: Replacement of Tong plate	Date: 01 – 09 - 2014	Analysis by: Section Engineer	Analysis by: Section Engineer
Title of employee doing job : Section engineer	Supervisor: Section In charge	Department: Mech	Section: Packing Plant	Approved by: HOD- Mechanical.

Reqd./recommended PPE's : Safety Helmet, Safety shoe, Hand Gloves, Safety goggles. Nose mask.

Sl.No	Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure		
1	While removing the hing bolts	Hand injury	Use recommended ring spanner only and do not use d-spanner	Slippage of tools	Visual inspection of tools
2	Removing and fixing the tongue plate	Hand injury	Grip tongue plate firmly.	Falling of tongue plate	Deploy skilled man power
		Leg injury	Use proper temporary platform.	Fall down of n proper for temp. platform	Visual inspection of temp. platform

SL No	Activity		Isolation Matrix for Packing Plant							
			Isolation Type							
			Electrical Energy				Other Energy			
1	Truck loader maintenance	Name and Tag for the Equipment	Truck loader	Cross belt						