



## DALMIA CEMENT (B) LIMITED – ARIYALUR



### MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/070
Issued By: M.R		Approved By: HOD Mechanical	
GYPSUM EMERGENCY HOPPER			

#### SOP for the Gypsum Emergency hopper chute cleaning

**Scope:** Safe working of Gypsum Emergency hopper chute cleaning

**Responsibility:** Section Engineer

**Accountability:** Section Head

**PPE:**

1. Safety helmet.
2. Safety shoe.
3. Nose Mask.
4. Hand Gloves.
5. Full Body Safety Harness

**TOOLS:**

1. Crow-Bar

**Hazard Analysis:**

**Risks associated:**

**Mitigating Measures**

Bottom Belt May Start.

: Ensure Feed & Discharge equipment Isolated.

- 1) Stop the belt conveyor & take the Line clearance of the drive.
- 2) Take confined area work permit from safety officer.
- 3) Use PPE's while working.
- 4) Put Caution Board " Men at work" & Ensure one person at the top of the Hopper (Watch person)
- 5) Open Inspection door & clear the jam if it is there.
- 6) Spillage material should be put into the circuit.
- 7) If lumps are available send it to lumps yard in stores.
- 8) Close the inspection door.
- 9) Clear the LC & Work permit.



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### 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. JSA is enclosed below.
2. Isolation Matrix.

<b>Job Safety Analysis</b>	Job: Weigh Feeder Belt Replacement	Date: 01 – 09 - 2014	Analysis by: Section Engineer	Reviewed by: Section Head
Title of employee doing job: Site in charge (Shree)	Supervisor: Section Engineer	Department: Mech.	Section: Cement Mill	Approved by: HOD Mechanical.
Req'd/recommended PPE: Safety helmet, Safety shoe, Safety goggles & Asbestos Gloves.				
<b>Sequence of Basic Job Steps</b>	<b>Potential Hazards</b>	<b>Recommended Safe Job Procedure</b>	<b>What Could Go Wrong</b>	<b>Corrective Action</b>
Open / Remove the hood	Hands injury	Use competent persons	Fingers may entrap	Use good co-ordination between workers & Use of Hand gloves
Clearing the chute	Slip In to Chute.	Use Full Body Safety harness	Lose ness of the lanyard	Ensure sufficient looseness to work comfortable & avoid excess looseness

SL No	Activity			Isolation Matrix for Utility & General Equipment.					
				Isolation Type					
				Electrical Energy			Other Energy		
7	Gypsum Emergency Hopper Jam clearing	Name and Tag for the Equipment	Discharge Conveyor	-	-	-	-	-	-