



## DALMIA CEMENT (B) LIMITED – ARIYALUR

### MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/055
Issued By: M.R		Approved By: HOD Mechanical	
SOP & JSA FOR PACKER BIN DISCHARGE CHUTE CHECKING.			

**Scope:** PACKER BIN DISCHARGE CHUTE CHECKING

**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.
3. Local stop key.

**Hazard Analysis:**

Risks associated:

Dust emission

Mitigating Measures

Use Nose Make, Goggles & Ear Plug.

**Packer bin discharge chute checking**

- 1) Stop the packer & take the Line clearance of the drive.
- 2) Use PPE
- 3) Close the aeration valve.
- 4) Remove the bin discharge inspection door.
- 5) Remove the jam inside the chute and close the inspection door.
- 6) Open aeration valve.
- 7) Clear the Line clearance and take trial.



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#### Emergency / Emergency Shut OFF:

1. 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

SL No	Activity			Isolation Matrix for Utility & General Equipment.							
				Isolation Type							
				Electrical Energy				Other Energy			
1	<b>Packer Bin checking work</b>	Name and Tag for the Equipment		Packer main drive				Isolate the air entry for dozzing valve			



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### 3. Job Safety Analysis:

<b>Job Safety Analysis</b>	<b>Job: Packer bin discharge chute checking</b>	<b>Date: 30/12/2012</b>	<b>Analysis by: Section Engineer</b>	<b>Reviewed by: Section Incharge</b>
Title of employee doing job: <b>Fitter</b>	Supervisor: <b>Section Engineer (Mech.)</b>	Department: <b>Mechanical</b>	Section: <b>Packing Plant</b>	Approved by: <b>HOD MECH</b>
Req'd /recommended PPE:				
<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>
Removing / Fixing the discharge chute.	Hand injury.	Use appropriate tools.	Worker may use screw wrench spanner to remove the locking arrangement and result in injury.	Use the recommended D – Spanner or Ring spanner.