



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	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:

Mitigating Measures

Dust emission

Use Nose Mask, 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	Packer Bin checking work	Name and Tag for the Equipment	Packer main drive				Isolate the air entry for dozing valve		



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3. Job Safety Analysis:

Job Safety Analysis	Job: Packer bin discharge chute checking	Date: 30/12/2012	Analysis by: Section Engineer	Reviewed by: Section Incharge
Title of employee doing job: Fitter	Supervisor: Section Engineer (Mech.)	Department: Mechanical	Section: Packing Plant	Approved by: HOD MECH
Req'd /recommended PPE:				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
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.