



**DALMIA CEMENT (B) LIMITED – ARIYALUR
MECHANICAL DEPARTMENT**

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MECH/068
Issued By: M.R		Approved By: HOD Mechanical.	
SOP WEIGHFEEDER DISCHARGE CHUTE JAM REMOVAL			

Scope : This SOP is applicable to Safe working for Weigh feeder discharge chute Jam removal.

Responsibility : **Section Engineer – Mech.**

Accountability : **Section Incharge – Mech.**

PPE:

1. Helmet,
2. Safety shoe,
3. Safety belt,
4. Safety goggles.
5. Asbestos Gloves.

Tools:

1. chain block-1no
2. Web (Nylon) slings-2Nos.
3. Box Spanner set
4. Ring Spanner set

Hazards:

Risks associated

Body injury

Mitigating Measures

safe and tested tools and tackles

Training needs:

1. Fire fighting
2. Emergency preparedness
3. Assembly procedure

SOP for the Weigh Feeder discharge chute Jam removal

1. Take the Line clearance for the weigh feeder drive, belt conveyor.
2. The line clearance paper should be with the person who is working in the site.
3. Take confined area work area permit from the relevant department.



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4. Use PPE's while working.
5. After taking the work permit allow the persons to work.
6. Open the discharge chute inspection door.
7. Empty out the material in the belt drive end.
8. Clear the jam inside the chute.
9. After that put all spillage inside the circuit.
10. If any Lumps is their send it to Lumps Dump Place.
11. Close the inspection door.
12. Use manual pumps or funnel for filling or draining the oil to reduce the oil spill.
13. Clear the Line clearance and return the work permit.
14. Take trial of the weigh Feeder.

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/permit in Mechanical department.
2. JSA is enclosed below.

JOB SAFETY ANALYSIS: (JSA)

Job Safety Analysis	Job: Weigh Feeder discharge chute Jam removal	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.				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job	What Could Go Wrong	Corrective Action



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		Procedure		
Removal of Safety guard,	Hand injury Leg injury	Use proper lifting tools to remove the material	Material may slip during removing	1.Ensure the person Lifting the material as per removing procedure Ensure the person wearing safety hand gloves

Isolation Matrix:

SL No	Activity				Isolation Matrix for Utility & General Equipment.										
					Isolation Type										
					Electrical Energy						Other Energy				
1	Weigh Feeder Belt replacement.		Name and Tag for the Equipment		Feed Belt feeding for the same Hopper						close the Pin Gate PINS				