



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/175
Issued By: M.R		Approved By: HOD-Mechanical	
SOP-CIRCULAR RECLAIMER & ADDITIVE DUMP HOPPERDISCHARGE CHUTE POLYMER LINER REPLACEMENT WORK			

**Scope: CIRCULAR RECLAIMER & ADDITIVE DUMP HOPPER DISCHARGE CHUTE
POLYMER LINER REPLACEMENT WORK**

Responsibility: Section Engineer

Accountability: Mechanical-Section In charge

PPE:

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

TOOLS:

1. Spanners
2. Screw driver
3. Hammer.

Hazard Analysis:

Risks associated: : **Mitigating Measures**

Body injury : **Safe and health tools and tackles**

Cut injury : **Safe and health tools and tackles**



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**SOP FOR CIRCULAR RECLAIMER & ADDITIVE DUMP HOPPER DISCHARGE
CHUTE POLYMER LINER REPLACEMENT WORK**

1. Take the line clearance with LOTO system
2. The work permit and line clearance paper should be with the person who is working in the site.
3. Ensure cleanliness of the discharge hopper before taking the job
4. Use proper personal protective equipment's
5. Ensure proper tools and tackles
6. Before check the condition of discharge hopper polymer sheet, use full body hardness safety belt.
7. Check the condition of discharge hopper for general physical condition for wear and tear.
8. The old polymer sheet button top and Callar washer removal
9. The old polymer sheet removal and hopper plate grinding work
10. The new polymer sheet tapper cutting ,grinding and setting work
11. The polymer sheet locking work by using callar washer and top button.
12. Clear the work permit and the Line clearance and take trial.



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Emergency / Emergency Shut OFF:

1. If body injury is there, First aid will be given and inform to the Safety department or Call Emergency number 3108/9865152222

Records/Annexure:

1. REFER CIRCULAR RECLAIMER & ADDITIVE DUMP HOPPER DISCHARGE CHUTE POLYMER LINER REPLACEMENT WORK
2. JSA is enclosed below.

Emergency / Emergency Shut OFF:

SL No	Activity			Isolation Matrix for Utility & General Equipment.							
				Isolation Type							
				Electrical Energy				Other Energy			
1	Belt conveyor	Name and Tag for the Equipment	Drive for the Equipment								



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Job Safety Analysis	Job:	Date: 15.03.2016	Analysis by: Section Engineer	Reviewed by : Section Head
Title of employee doing job: Engineer	Supervisor: Section Incharge	Department: Mechanical.	Section: RMH	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
Removal of locking washer while Changing the Polymer sheer	Body injury	Use proper tool only to avoid slip	Tool may slip and chance to fall	Use correct size and condition of tool
Removing the old Polymer sheet	Body injury	Use hand gloves & shoes to avoid the injuries	Material may slip and chance to fall	Use Correct PPE'S
Fixing the locking washer while Changing the polymer sheet	Body injury	Use proper tool only to avoid slip	Tool may slip and chance to fall	Use correct size and condition of tool.