



DALMIA CEMENT (B) LIMITED – ARIYALUR

MECHANICAL

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/035
Issued By: M.R		Approved By: HOD Mechanical.	
SOP for Reject Flap			

Scope: Maintenance work in reject Flap

Responsibility: Section Engineer

Accountability: Mechanical-Section Incharge

PPE:

1. Safety helmet,
2. Safety shoe,
3. Hand gloves.

TOOLS:

1. Box spanner set.
2. Ring spanner set.
3. Puller
4. Feeler Gauge
5. Manila / Nylon rope.

Hazard Analysis:

Risks associated: : Mitigating Measures

Body Injury : Use proper tools and tackles

SOP for the Maintenance Work in Reject Flap

1. Take the line clearance with LOTO system
2. The line clearance paper should be with the people who are working in the site.
3. Take the confined work area with the relevant department and allow the people to work.
4. Use ppe's while working.
5. Check the spring stiffness adjust as per requirement
6. Check for any wear of plate, do welding if required with Hot Permit



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7. If reject flap discharge is belt conveyor, use proper blanket to isolate from hot work
8. Check rocker arm fixing, Pin,& roller& bearing
9. Clear the line clearance and take trail run.

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

S L N o	Activity	Isolation Matrix for Utility & General Equipment.									
		Isolation Type									
		Electrical Energy					Other Energy				
7	Reject Flap Maintenance	Name and Tag for the Equipment	Drive for the Reject Flap	Drive or Feeding Equipment	Drive for reject flap discharge						



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Job Safety Analysis	Job: Reject Flap Maintenance	Date: 1/09/2014	Analysis by: Section Engineer	Reviewed by : Section Head
Title of employee doing job: Engineer	Supervisor: Section Incharge	Department: Mechanical.	Section: Raw Mill	Approved by: HOD Mechanical.
Req'd/recommended PPE:				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Open & Close the inspection Door	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage
Remove & Fixing the spring	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage
Wear Plate Cutting	Hand and Leg injury	Remove the cutting Pieces with Gloves	Cutting piece fall on Hand and Leg	Use Skilled cutter & Lifting person
Wear Plate Fixing	Hand and Leg injury	Follow standard work procedure for do welding and use proper method to fixed the wear plate	Material may slip during welding	Ensure the person Lifting the material as per lifting procedure
Bearing Removing & Fixing	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage
Rocker arm,pin,removal & Fixing	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage