



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/104
Issued By: M.R		Approved By: HOD Mechanical	
SOP-TABLE LINER REPLACEMENT			

Scope: Table liner replacement

Responsibility: Section Engineer

Accountability: Mechanical-Section Incharge

PPE:

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

TOOLS:

1. Box spanner set.
2. Ring spanner set.
3. Puller
4. Feeler Gauge
5. Manila / Nylon rope.
6. Chain block
7. Puller
8. Torque Wrench
9. Jacks & Pumps

Hazard Analysis:

Risks associated: : Mitigating Measures

Body Injury : Use proper tools and tackles

SOP FOR TABLE LINER REPLACEMENT

- a. Take electrical LOTO as per isolation matrix
- b. The Permit Paper should be with the person who is responsible for the job.
- c. Trained Worker will be engaged for working with related PPE's.
- d. Take Confined permit from respective department to work inside the mill.



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- e. Open the mill door.
- f. Clean the table area which was in between the two roller by labor by wearing nose mask to avoid respiratory problem.
- g. Loosen the Table holding clamp fasteners
- h. Remove the Table holding clamp
- i. Remove the old liner plate
- j. Change the new liner plate
- k. Align the table liner and tightened the liner plate with bolt by tools in good condition.
- l. Close the mill main door.
- m. Get the line clearance and informed to CCR person.

Emergency / Emergency Shut OFF:

S L N O	ACTIVITY	ISOLATION TYPE	TAG /NAME OF THE EQUIPMENT							
			ELECTRICAL ENERGY				OTHER ENERGY			
1	TABLE LINER REPLACEMENT	NAME AND TAG FOR THE EQUIPMENT	361MD2 MILL MAIN DRIVE MOTOR	361SR1 CLASSIFIER	361FN3 RAW MILL FAN	361AD1 AUXILIARY DRIVE CHAIN TO BE DE- LINKED	331MW1 ENSURED FLAP IN REJECT SIDE AND AIRLINE FOR CYLINDER SHOULD BE DEPRESSURIZE D			



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			361RV1 TRIPLE FLAP GATE	371SD3 RAW MILL BOOSTER FAN COMMON DAMPER	361LD4 HOT GAS INLET LOUVER DAMPER (IN CLOSED CONDITION)		
			361SD2 HOT GAS INLET SHUT-OFF DAMPER (IN CLOSED CONDITION)	361LD5 RAW MILL FAN OUTLET LOUVER DAMPER(IN CLOSED CONDITION)	361HD1 RAW MILL HYDRAULIC SYSTEM		

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

Job Safety Analysis	Job: Reject Flap Maintenance	Date:01/09/2014	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 Mech.



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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
Table cleaning	Breathing trouble	Use Nose Mask	Respiratory problem	Ensure the person Are wearing Nose Mask
Table segment clamp fasteners loosen	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage
Old Table segment removal	Body injury	Use proper tools Lifting tools	Material may slip	Ensure the person Lifting the material as per lifting procedure
New Table segment Fixing	Body injury	Use proper tools Lifting tools	Material may slip	Ensure the person Lifting the material as per lifting procedure
Table segment clamp Fasteners Tightening wok	Hand injury	Use proper tools Lifting tools	Tools may slip	Ensure proper tools & tackles in usage