



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/051
Issued By: M.R		Approved By: HOD Mechanical	
SOP-JSA for Vibrating Screen.			

Scope: VIBRATING SCREEN MESH REPLACEMENT

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:

Dust emission

Mitigating Measures

Use Nose Make, Goggles & Ear Plug.

Vibrating screen mesh replacement

- 1) Take the line clearance for Vibrating screen and keep in out of service from control room.
- 2) The line clearance paper should be with the person who is working in the site.
- 3) Trained Worker should be engaged for working with related PPE's.
- 4) Use Certified Tools & Tackles for the job
- 5) Remove the feed chute expansion joint cloth.
- 6) Remove the top cover bolts & remove the top covers.



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- 7) Remove the damage screen clamping bolts
- 8) Fix the new screen mesh with its clamping bolts..
- 9) Fix the top cover and bolts.
- 10)Electrical connection to be made for thruster assembly.
- 11)Clear the Line clearance and take trial.

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	Vibrating screen Mesh replacement work	Name and Tag for the Equipment		Vibrating screen	Elevator main drive	Elevator Aux drive					



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Job Safety Analysis:

Job Safety Analysis	Job: Vibrating Screen Checking	Date: 01/09/2014	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 of screen top cover	Body injury	Use proper tools Lifting tools	Tools / Guard may slip	Ensure proper tools & tackles in usage
Fixing the safety guards	Leg injury	Use proper tools Lifting tools	Tools / Guard may slip	Ensure proper tools & tackles in usage



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