



DALMIA CEMENT (B) LIMITED – ARIYALUR

MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/056
Issued By: M.R		Approved By: HOD Mechanical	
VIBRATING SCREEN INLET & OUTLET EXPANSION JOINT REPLACEMENT.			

Scope: VIBRATING SCREEN EXPANSION JOINT 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. Grease gun.
4. Local stop key.

Hazard Analysis:

Risks associated:

Dust emission

Mitigating Measures

Use Nose Make, Goggles & Ear Plug.

Vibrating screen inlet & outlet expansion joint 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 inlet/outlet expansion joint cloth clamp with bolts.



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- 6) Fix the new expansion joint cloth with clamping arrangement.
- 7) Fix the clamp bolts.
- 8) 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
- 3.

SL No	Activity		Isolation Matrix for Utility & General Equipment.						
			Isolation Type						
			Electrical Energy			Other Energy			
1	Vibrating screen maintenance 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 Expansion joint replacement	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
Remove the screw clamp	Hand injury	Use proper tools Lifting tools	Tools / clamp may slip	Ensure proper tools & tackles in usage
Tightening the clamp	Finger injury	Use proper tools Lifting tools	Tools / clamp may slip	Ensure proper tools & tackles in usage



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