



DALMIA CEMENT (B) LIMITED – ARIYALUR

MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date: 18.11.2022	SOP/MEC/209
Issued By: M.R		Approved By: HOD Mechanical	
SOP FOR AFR SCREEN DISC ASSEMBLY REPLACEMENT			

Scope: AFR Screen disc assembly replacement job

Responsibility: Fitter/ Welder/ Supervisor

Accountability: Mechanical-Section Engineer / Section Head

PPE:

1. Safety helmet.
2. Safety shoe.
3. Nose Mask.
4. Hand Gloves.
5. Goggles.
6. Leather apron.

TOOLS:

1. Welding shield
2. Welding machine
3. Chipping hammer
4. Wire Brush

Hazard Analysis:

Risks associated:

Mitigating Measures

Slip of tools	: Use appropriate tools
Electric shock	: Use appropriate gloves & machine Earth system
Fall of Material	: Use certified lifting crane & tackles

SOP FOR SCREEN DISC ASSEMBLY REPLACEMENT

1. Take hot work permit with all necessary precautions.
2. Use PPE's while working.
3. Remove the all the guards.



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4. Remove the connecting chains.
5. Remove the damaged / replacement disc assembly by using of crane/hydra/lifting tackles.
6. Re fixing the assembled set on the designated place.
7. Check the alignment of disc assembly distance as per the requirement.
8. Check the base bolt tightness
9. Re fix the connecting chains.
10. Re fix the all the doors & guards as early.
11. Close the hot work permit.
12. Take the trial run checking and give the clearance

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. JSA as enclosed below

Job Safety Analysis	Job: AFR Screen disc assembly	Date: 02/07/2022	Analysis by: Section Engineer	Reviewed by: Section Head
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SOP FOR AFR SCREEN DISC ASSEMBLY REPLACEMENT

	replacement			
Title of employee doing job: AFR Screen disc assembly replacement job	Supervisor: Section Engineer	Department: Mechanical	Section: AFR	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
Removing of Disc assembly set	Body injury	Use appropriate tools	While removing disc fall of material.	Use Correct type of tools and certified cranes.
Using the Welding machine	Hand injury (electric Shock)	Use proper Earth connection	While Welding the job ,secondary earth not connected properly	Check the earth connection before doing the welding