



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/181
Issued By: M.R		Approved By: HOD-Mechanical	
SOP for Replacement of mill feed flap gate			

Scope : This SOP is applicable for Safe working of Standby Mill Feed rotary air lock jam clearing Work

Responsibility : Section Engineer.

Accountability : Section Head

PPE:

1. Safety helmet
2. Safety shoe
3. Dust mask
4. Cotton Knitted hand Gloves
5. Ear Plug
6. Full Body harness
7. Goggles

Tools:

1. Spanner set-1 no
2. Poking tools

Hazards:

Risks associated

Hot gas and Fine Dust

Mitigating Measures

Wear Goggles and Dust Mask

Training needs:

1. Emergency preparedness
2. On job training

Isolation Required:

- Local isolation for Rotary air lock (mushroom lock) or LOTO

Procedure

1. Ask CCR people to keep standby RAL in local mode.
2. Create permit with local isolation (mushroom lock)
3. Rotate RAL in reverse/forward direction wherever it trips with wet/lump material.
4. If it does not rotate, or any major problem take LOTO permit.
5. Lock the rotor blade with locking bolt (locking bolts are in casing).
6. Open RAL side door and remove accumulated material.
7. Don't insert any body part inside RAL casing.
8. After removing the jam material, check the RAL blades condition and gap.



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9. Clear LOTO permit and rotate in reverse direction in local mode.
10. Check the current at empty load.
11. When RAL is free, close the man whole door and ask the CCR people to take it in sequence.

Emergency / Emergency Shut OFF:

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.
JSA as enclosed below