



DALMIA CEMENT (B) LIMITED – DPM



MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date: 01.08.2016	SOP/MEC/
Issued By: M.R		Approved By: HOD(MECH)	

SOP For Coriolis system multicore panel FRL unit Oil Filling

Scope: To replace oil/To maintain oil level

Responsibility: Engineer/SH

PPE:

1. Safety helmet
2. Safety shoe
3. Ear plugs
4. Safety goggles
5. Gloves

TOOLS:

1. spanner set
2. Lamp

Hazard Analysis:

Risks associated:

FRL unit in operation/pressurized

Mitigating Measures

Change over FRL /Release air pressure

Procedure:

- Ensure the FRL unit change over /Depressurized has done.
- Use PPE's while working.
- Remove the air filling plug.
- Refill / top up lubrication oil up to the maximum level as marked in the oil level indicator and avoid any spillage of oil.
- Refit oil filling plug to ensure no leakage.
- Open delivery valve and close moisture traps (manual).
- Clear the Permit and inform to the Section Engineer /Section Head.

Emergency Shut- off:

If body injury is there, First aid will be given and inform to the Safety department or Call Emergency number – 222/555/9865155288.

Records/Annexure:

Refer LOTO standards/permit & JSA is enclosed below.



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JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job:To replace the oil in FRL unit of Coriolis Feeder	Date:	Analysis by SECTION ENGINEER	Reviewed by: SECTION HEAD
Title of employee doing job : Section engineer	Supervisor: Section Engineer	Department: Mech	Section: Pyro	Approved by: HOD
Reqd./recommended PPE's : Safety Helmet, Safety shoe, Hand Gloves, Safety goggles. Nose mask.				

Sl. No	Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What could go wrong	Corrective action
1	Opening the Plug	Spillage of hot oil	Release air pressure by opening moisture trap	May harm the body	Air pressure must be released
2	Refill / top up	Injury	Oil should be filled with carefully, if fallen clean the area immediately	Slip/fall	Correct size can and funnel to be used