



DALMIA CEMENT (B) LIMITED – DPM



MECHANICAL SOP

Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/MEC/30
Issued By: S & P		Approved By: Head - Mech	

SOP FOR COMPRESSOR MAINTENANCE - OIL FILLING / TOP UP IN OIL TANK.

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:

Spillage of hot oil

Mitigating Measures

Release air pressure

Procedure:

- Stop the Compressor and take work permit as per LOTO standards
- Use PPE's while working.
- Close compressor delivery valve.
- Release air from the compressor totally, by opening the moisture traps (manual) to avoid spillage of air under pressure.
- Remove the air filling plug.
- Refill / top up with roto inject lubrication oil up to the maximum level as marked in the oil level indicator and avoid any spillage of oil.
- j. Refix oil filling plug to ensure no leakage.
- k. Open delivery valve and close moisture traps (manual).
- l. Clear the Permit and inform to the CCR.



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Emergency Shut- off:

If body injury is there, First aid will be given and inform to the Safety department or Call Emergency number - 222/9865125176/9865177444.

Records/Annexure:

Refer LOTO standards/permit & JSA is enclosed below.

JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job:To replace the oil in compressor	Date: 01 – 06 - 2012	Analysis by SECTION ENGINEER	Reviewed by: SECTION HEAD
Title of employee doing job : Section engineer	Supervisor: Section Engineer	Department: Mech	Section: Compressor house	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

HEAD MECHANICAL

HEAD TECHNICAL