



MECHANICAL SOP

Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/MEC/17
Issued By: S & P		Approved By: Head – Mech	
Mechanical Maintenance of Equipments			

MAINTENANCE OF ROTO PACKER 1 & 2

Scope: To maintenance for roto packer 1 & 2

Responsibility: Maintenance Technician

Accountability: Mechanical-Section Engineer

PPE:

1. Safety helmet
2. Safety shoe
3. Mask

TOOLS:

1. Suitable spanner set

Hazard Analysis:

Risks associated:

Mitigating Measures

Rotation of the Equipment

Electrical Hazard;

Can be operated from remote
Inter lock to be ensured

Training needs:

1. Usage of tools and Nature of Hazards
2. Usage of PPEs

Procedure:

1. Confirm with control room to switch off the main switch and make it local mode.
2. Check/change for Draw bar condition.
3. Check for Scoring marks on the valve plate.
4. Check the fine cut opening.
5. Check the flexible tube leakages
6. Check the spring plate conditionsa
7. Check the tipper frame assembly condition.
8. Check the ring aeration nozzles
9. Check for damage on bag stool and bag guide plate
10. Check for leakage on hubs
11. Check impeller 'V' Belt condition and pulley condition
12. Confirm the lubrication of the hubs.



DALMIA CEMENT (B) LIMITED – Dalmiapuram



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13. If any abnormalities found the above, change the spare parts

14. After completing the job handed over to instrumentation dept. for calibration

15. Trial run & observe for any abnormalities & run on load.

Emergency / Emergency Shut OFF:

1. If any injury is there, and inform to the Security Havildar / safety department or call
Emergency number 516 / 222 / 523/9865177444

Records/Annexure:

1. maintenance for roto packer 1 & 2
2. JSA is enclosed below.

JOB SAFETY ANALYSIS:(JSA)

Job Safety Analysis	Job: Maint. Of roto packer 1 & 2	Date:	Analysis by:	Reviewed by:
Title of employee doing job:	Supervisor: Section Supervisor	Department: Mechanical	Section: Plant	Approved by:
Req'd/recommended PPE: Safety helmet, Safety shoe, & Safety belt.				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Valve plate changing	Hit injury	Using the proper tools	Valve plate get crack and fall down	Ensure the proper tools
Hub changing	Hit injury	Proper arrangements of rope for removing the hub	Hub get damage and fall down	Ensure the Proper arrangements of rope.

HEAD MECHANICAL

HEAD TECHNICAL