



DALMIA CEMENT (B) LIMITED–Ariyalur

MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date: 1.11.2019	SOP/MEC/018
Issued By: M.R		Approved By: HOD Mechanical	

STARTING CHECKUP'S FOR LIME STONE RECLAIMER

Scope: To Check the LS Reclaimer before starting.

Responsibility: Engineer/SH

PPE:

1. Safety helmet
2. Safety shoe
3. Mask
4. Gloves

TOOLS:

Nil

Hazard Analysis:

Risks associated:

Fall of person

Struck on Chain

Mitigating Measure

Use stair case & hand rails.

Ensure free from men & material.

Procedure:-

1. Check the oil level of scraper chain drives both gear boxes.
2. Start & check the reclaimer scraper drives lubrication pumps(Pr.3Kg).
3. Do visual inspection for the scraper buckets, pins, G clips, bolts.
4. Check the chain tension hydraulic pressure.
5. Check the harrow hydraulic system oil level.
6. Check Harrow hydraulic cylinder & wheels for leakages & condition.



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7. Check for greasing of Reclaimer center swing bearing & circulation.
8. Check for water of dust suppression tank.
9. Ensure for discharge chutes jam of 311BC1, BC2&BC3.
10. Take back/forward the Reclaimer manually from stock pile to reduce load on harrow & buckets as per the pile condition.
11. Give clearance for Starting of belt conveyors 311BC1, BC2&BC3 to CCR operator.
12. Start the Reclaimer after clearance from CCR.

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:

The maintenance history to be maintained in the common drive

JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job: STARTING CHECKUP'S FOR LIME STONE RECLAIMER	Date: 01 – 09 - 2014	Analysis by: Section Engineer	Reviewed by: Section Head
Title of employee doing job : Section engineer	Supervisor: Section Engineer	Department: Mechanical	Section: RMH	Approved by: HODMechanical
Reqd./recommended PPE's : Safety Helmet, Safety shoe, Hand Gloves, Nose mask.				



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Sl. No	Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What could go wrong	Corrective action
1	Checking oil level for drives	Major Injury	Do only visual inspection.	unexpected start Up	Allot trained operators
2	Checking of Hydraulic Systems	Major Injury	Do only visual inspection	unexpected release of energy	Allot trained operators
3	Give clearance for Starting of belt conveyors 311BC1, BC2&BC3 to CCR operator	Major injury	Don't use mobile phone while walking & on stair cases.	Fall of person	Allot trained operators
4	Start the reclaimer after clearance from CCR	Major injury	Ensure free from men & material	Struck of person	Allot trained workers

Isolation Matrix: Not applicable.