



DALMIA CEMENT (B) LIMITED – Dalmiapuram



MECHANICAL SOP

Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/MEC/35
Issued By: S & P		Approved By: Head - Mech	
SCREW CONVEYOR INSPECTION			

Work Instruction for Screw Conveyor

Scope: This Work Instruction applicable for Screw Conveyor

Responsibility: Technician

Accountability: Mechanical-Section Engineer

PPE:

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

TOOLS:

1. Required Tools

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. Before starting the screw conveyor ensure the top doors are closed.
2. Ensure the coupling guards are in its position.
3. Don't open the top door during the running condition.
4. Don't feed the oversize material.
5. Continually monitor the feed rate.
6. During the running condition don't walk on the top of the conveyor.
7. Ensure the mesh fixing before spillage feeding.

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:



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1. Work Instruction for Screw Conveyor
2. JSA is enclosed below.

JOB SAFETY ANALYSIS:(JSA)

Job Safety Analysis	Job: Work Instruction for Screw Conveyor	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
Jam removal	Hit injury	Usage of Proper tools	Screw conveyor get trip	Work started after stopped the screw conveyor
Greasing of intermediate bearing	Hit injury	Cotton waste should not used	Screw conveyor get trip	Proper hand gloves to be used

HEAD MECHANICAL

HEAD TECHNICAL