



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/059
Issued By: M.R		Approved By: HOD Mechanical	
SOP-JSA for DEEP PAN CONVEYOR PAN REPLACEMENT			

Scope: Replacement of Rail / Roller for the DPC

Responsibility: General Fitter

Accountability: Mechanical-Section Engineer

PPE:

1. Safety helmet,
2. Safety shoe,
3. Hand gloves.

TOOLS:

1. Box spanner set.
2. Ring spanner set.
3. ChainBlock-2nos.
4. Wire rope slings.
5. Line dory.
6. Water level.
7. Manila / Nylon rope.
8. "D" Shackle.
9. Puller.

Hazard Analysis:

Risks associated: : Mitigating Measures

Heavy Material : Use of Chain blocks & Ropes

SOP for the replacement of the DPC PAN

1. Take the position of bucket at tail sprocket end
2. Take the electrical work permit
3. Ensure use of PPE, hand gloves & dust mask
4. Loose the Bucket holding bolts
5. Hold the bucket while removing the bucket bolts
6. Remove the bolts & Bucket
7. Position the new bucket on the chain



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8. Fix the bucket holding bolts & tight to the torque of 100NM
9. Clear the electrical work permit
10. Take the trial run of DPC

Emergency / Emergency Shut OFF:

If any injury takes place, provide First aid and inform to the Safety department or Call Emergency number 3108/9865152222

Records/Annexure:

1. Refer Line clearance certificates.
2. JSA as enclosed below

Job Safety Analysis	Job: Deep Pan Conveyor Pan Replacement	Date: 01/09/2014	Analysis by: Section Engineer	Reviewed by: Section Head
Title of employee doing job: Fitter	Supervisor: Section Engineer(Mech.)	Department: Mechanical.	Section: Pyro. & Cement Mills	Approved by: HOD Mechanical
Req'd/recommended PPE:				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Remove or refit pan	pan may fall down	Use proper slings	Sling may slip	Use web slings with proper tightness.