



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/075
Issued By: M.R		Approved By: HOD Mechanical	
SOP FOR THE REPLACEMENT OF DPC PAN WITH ROLLER			

Scope: To replace the DPC Pan & Roller

Responsibility: Engineer.

Accountability: Section Head.

PPE:

1. Safety helmet.
2. Safety shoe.
3. Mask.
4. Safety goggles.
5. Gloves.
6. Ear plugs.

TOOLS:

1. spanner set
2. Crowbar

Hazard Analysis:

Risks associated:

Mitigating Measures

Fall of person

Avoid oil spillage, if spilled clean it immediately.

- Empty of the material from the pans and stop the DPC
- Take the LOTO for the DPC and inlet / outlet feeding drives
- Take the hot work permit.
- Use PPE's (leather hand gloves, hand gloves, goggles, dust mask, safety shoes)
- Allow the persons to work, clean the working place and remove safety guards
- Hang the tested chain block above the bucket; tie the tested wire rope sling to the bucket.



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- Remove the pan holding bolts with proper care and attention.
- Lift the pan with chain block with proper care and attention.
- Remove the pan with rollers with proper care and attention.
- Fixed the new pan with rollers with proper care and attention.
- Tightening the pan holding bolts as per specified torque.
- Release the chain block and cross check the sitting of the roller of the rail.
- Remove the chain block, scrap material, manpower and fix the safety guards.
- If want to replace another bucket LOTO to be cleared and after taking the position take LOTO again follow same steps as above.
- Clear the LOTO and inform to the CCR, operator in local mode and check any abnormality.
- Give the clearance to CCR operator run DPC auto mode.
- After 8 hrs of operation check the bolt condition and refight.

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:

JSA is enclosed below.



DALMIA CEMENT (B) LIMITED – ARIYALUR



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JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job: Replacement DPC Bucket or roller	Date: 01 – 09 - 2013	Analysis by: Section Engineer	Reviewed by: Section Head
Title of employee doing job : Section engineer	Supervisor: Section Engineer	Department: Mech	Section: Raw Mill, Cement Mill Coal mill	Approved by: HOD Mechanical

Sl. No	Sequence of Basic Job Steps.	Potential Hazards.	Recommended Safe Job Procedure.	What could go wrong?	Corrective action.
1	Bucket or roller bolts removing.	Fingers may entrap	Hold at the proper place	May fall down	Use lifting tackles
2	Bolts Loosening or tightening	Hand may entrap	Work with more comfort	Dust may fall on eyes.	Clean the spot before start & use Goggles
3	Rotation in between for positioning	Unexpected run	Do not compromise of LOTO		