



MECHANICAL SOP

Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/MEC/25
Issued By: S & P		Approved By: Head – Mech	
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.



MECHANICAL SOP

Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/MEC/25
Issued By: S & P		Approved By: Head – Mech	
SOP FOR THE REPLACEMENT OF DPC PAN WITH ROLLER			

- 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 fallow 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 Shut- off:

1. In case of belt is moving, Emergency pull chord switch should be activated by the person.
2. If body injury is there, First aid will be given and inform to the Safety department or Call Emergency number 222/555/9865125176/9865177444.

Records/Annexure:

JSA is enclosed below.



DALMIA CEMENT (B) LIMITED – DPM



MECHANICAL SOP

Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/MEC/25
Issued By: S & P		Approved By: Head – Mech	
SOP FOR THE REPLACEMENT OF DPC PAN WITH ROLLER			

JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job: Replacement DPC Bucket or roler	Date: 01 – 01 - 2013	Analysis by: SECTION SEGINEER	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: GM Mech.

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		

HEAD MECHANICAL

HEAD TECHNICAL