



## DALMIA CEMENT (B) LIMITED – DALMIAPURAM



### PRODUCTION DEPARTMENT

Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/PROD/18
Issued By: S & P		Approved By: Head – Production	
SOP FOR RAW MEAL BLENDING & FEEDING TO FLS KILN			

**SCOPE** : RAW MEAL BLENDING & FEEDING TO FLS KILN

**RESPONSIBILITY** : CCR executive.

**Accountability** : Section Head – Pyro.

**PPE:**

1. Safety goggles,
2. Safety helmet,
3. Safety shoe,
4. Mask,
5. Cotton Gloves.
6. Safety harness(Full body)

**TOOLS:**

1. Poking bar,
2. Hammer.
3. showel

**Hazard:**

**Risks associated:**

Fall from height,

Fall of tools;

Hit of Hammer in hand;

**Mitigating Measures**

Use of safety harness

Carry the tools in tool bags

Trained to be engaged

**Procedure:**

1. Check the silo level & raw meal values of silo.
2. Get the clearance from VRM-III M/A as per Work Instruction for extracting raw meal from the silo in accordance to Work Instruction.
3. Start Feed Group 43N with SFF1/SFF2 in circuit, depending upon the availability, in recirculation mode at around 100 tph and ensure all the drives are running.



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4. Start extraction group 41N and ensure all the drives are running.
5. Check and ensure raw meal is extracted from silo, filled in the control bin and recirculated
6. When the Kiln becomes ready to take feed, deselect the “Recirculation” key and ensure the feed gets diverted to preheater automatically.
7. Monitor the filling and discharge of control bin for proper working.
8. Regulate the feed rate accordingly to Kiln / P.H. condition.
9. Inform the Chemist in shift about extraction from silo.
10. Ensure that the initial and final raw meal flow counter readings are automatically recorded in the Kiln Log sheet. In case of any problem in auto recording, inform the concerned engineers and record manually till the problem is rectified.

<b>Job Safety Analysis</b>	Job: RAW MEAL BLENDING & FEEDING	Date: 01 – 09 - 2013	Analysis by: Section Incharge	Reviewed by: Section Head
<b>Title of employee doing job:</b>	Supervisor: Sec. Incharge	Department: Production	Section: Pyro	Approved by: Department Head
Req'd/recommended PPE:				
<b>Sequence of Basic Job Steps</b>	<b>Potential Hazards</b>	<b>Recommended Safe Job Procedure</b>	<b>What Could Go Wrong</b>	<b>Corrective Action</b>

