



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/017
Issued By: M.R		Approved By: HOD Mechanical	
KILN MIGRATION MEASUREMENTS			

**SCOPE:** To measure the migration of Kiln

**Responsibility:** Engineer/SH

**PPE:**

1. Safety helmet,
2. Safety shoe,
3. Mask,
4. Safety goggles
5. Gloves
6. apron

**TOOLS:**

1. Piece of chalk
2. Measuring tape

**Hazard Analysis:**

**Risks associated:**

Hot shell Contact with body

Graphite chips may fall in to eye

**Mitigating Measures**

Use of hand gloves/apron

use of goggles

**Procedure:**

1. While running in the tyre NO: 1 with chalk piece mark a small line which covers both shell as well as the tyre.
2. Use hand gloves while marking.
3. Use PPE'S while working.
4. Watch keenly till the same marking comes back to the partition.
5. Measure the gap between lines in shell and line in tyre which give the migration.
6. Check the same for all tyres.



## DALMIA CEMENT (B) LIMITED – Ariyalur



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#### 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.

### JOB SAFETY ANALYSIS :( JSA)

Job Safety Analysis	Job: <u>KILN MIGRATION MEASUREMENTS</u>	Date: 20/08/2014	Analysis by: Section Engineer	Reviewed by: Section Head
Title of employee doing job : Section engineer	Supervisor: Section Engineer	Department: Mech.	Section:	Approved by: HOD Mechanical

Sl.No	Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What could go wrong	Corrective Action
1	Marking with chalk piece on tyre and retainer ring & measuring gap	Burn injury	Use of hand gloves	Kiln hot shell may touch to hand and cause burns	Toolbox talk and deploy trained employees
2	Marking with chalk piece on tyre and retainer ring & measuring gap	Eye injury	Use of safety goggles	Graphite block chips used for lubrication of supporting rollers may pierce in to eye health	Use safety goggles

LOTO: Not applicable.