



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
ARIYALUR
INSTRUMENTATION MANUAL**



Issue No. 01	Rev. No: 02	Effective Date: 20.09.2017	SOP/INST/001
Issued By: M.R		Approved By: HOD - INSTRUMENTATION	
SOP for Draught line cleaning			

Scope: To clean the draught line.

Responsibility: Instrumentation Technician.

Accountability: Instrumentation - Section Engineer.

PPE:

- Safety helmet
- Safety shoe
- Nose Mask
- Goggles
- Hand gloves

Tools required:

- Adjustable spanner
- Pipe Wrench
- 6 mm MS rod of 1 meter

Hazard Analysis:

Risks associated

Mitigating Measures

Puffing of material

Stand beside the measuring point.

Splash of Hot material

Use of hand gloves & Goggles.



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Procedure:

1. Use Proper PPE's.
2. Carry all the necessary tools in a tool bag.
3. Ensure the signal interlocks and block the interlock if necessary.
4. Close the Air blaster's Compressed air line of the particular equipment, if applicable.
5. Release the air from the blaster by manually operating the blaster solenoid valve.
6. Wear the hand gloves, Nose mask & Goggles.
7. Open the socket of the draught line.
8. Check and Clean the draught line by MS rod.
9. Close the socket of the draught line after cleaning.
10. Confirm the signal in CCR.
11. Open the compressed air valve of the Air blaster.
12. Retrieve the blocked condition.
13. Give the clearance to CCR.

Records/Annexure:

1. Refer the check list F-1/WI-12(SP-8;AM-7)
2. JSA



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Job Safety Analysis	Job: DRAUGHT LINE CLEANING	Date:20.09.2017	Analysis by:	Reviewed by:
Title of employee doing job: INST - TECHNICIAN	Supervisor: SECTION ENGINEER	Department: INSTRUMENTATION	Section: PYRO/ VRM	Approved by:
Req'd/recommended PPE: SAFETY HELMET, SAFETY SHOES, GOGGLES, NOSE MASK, HAND GLOVES				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
1.Opening the socket & Cleaning of draught Line	Splash / Puffing of Hot material / Gas.	Close the Air blaster compressed air line and release air from blaster. Stand beside the draught line point.	Minor burn injury due to hot material / gas.	Use proper PPE's like Goggles, Hand gloves and Nose Mask.
2.Touching the draught line socket while opening & closing	High Temperature	Wear Hand gloves	Minor burn injury due to high temperature.	Use proper PPE's like hand Gloves