



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
ARIYALUR
MECHANICAL SOP**



Issue No: 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MECH/127
Issued By: M.R		Approved By: HOD - Mechanical	
SOP FOR HYDRAULIC POWER PRESS			

Scope:

To operate hydraulic power press for the given job

Responsibly:

Engineer/SH

PPE:

Safety helmet
Safety shoe
Safety Goggles

Tools:

Spanner set
Surface gauge
Lighting
Brush
Hydraulic jack

Hazard Analysis:

Risks associated:

1. Hot chips
2. Moving parts

Mitigating Measures

1. Goggles & gloves
2. Maintain distance from machine



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Procedure:

1. Check for the oil level in the pump through oil gauge.
2. Check all the hoses for the fittings and connecting pins
3. Keep the job piece in proper position on the base plates and maintain the center position of the jack
4. Keep proper packing's or lift the job along with the base through the lifting jack
5. Operate pump after checking all the positions and even contact
6. While job is loaded don't stand near the press, maintain the gap
7. Don't give over load to the job, maintain the pressure limitations
8. Give intermittent load within the pressure range.

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 as enclosed below.

JOB SAFETY ANALYSIS: (JSA)

Job Safety Analysis	Job: hydraulic power press	Date: 20.11.2014	Analysis by: Section Engineer	Reviewed by: Section Head
Title of employee doing job: Section Engineer	Supervisor: Section Head	Department: Mechanical	Section: all area	Approved by: HOD Mechanical
Req'd/recommended PPE: Helmet, Shoe, Nose mask, Cotton Gloves, Ear plug, Safety belt, Goggles				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Tools handling	Hands injury	Use Hand Gloves	Hands may injury	Use type of gloves accordingly.
Fall of small objects	Equipment damage.	Use proper Holding ropes other than lifting	Holding tool may failure..	Check physically before use
Fall of object from base/ Hanging	Equipment damage	Check the base capability for handling the same.	Hooks welding may failure	Check before hanging / using.