



DALMIA CEMENT (B) LIMITED – ARIYALUR



MECHANICAL SOP

Issue No. 01	Rev. No: 02	Effective Date: 17.10.2017	SOP/MEC/099
Issued By: M.R		Approved By: HOD Mechanical	
SOP FOR HYDRA OPERATION			

Scope : To Safe handling of Equipment & Material

Responsibility : **Section Engineer – Mech.**

Accountability : **Section In-charge – Mech.**

PPE:

1. Helmet
2. Safety Shoes
3. Nose Mask
4. Ear Plugs
5. Goggles
6. Hand Gloves , all the PPE should be readily available with the operator at any point of time.

Tools:

Hazards:

Risks associated

Mitigating Measures

Training needs:

Safe ringing practices

1. Before starting the Hydra check the following points.

- **Fuel level**
- **Radiator water level**
- **Engine oil level**
- **Blow horn**
- **Brakes**
- **Lifting the boom**



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- Extraction and retraction of boom
 - Wire rope and hook condition
 - Head and back lights.
 - Safety Latches to all hooks
2. Hydra should not operate without one helper to guide the direction of movement.
 3. Lift the material as per capacity of hooks.
 4. Don't use the canvas sling in sharp edge material.
 5. If material size is big, then both side people should move with the material along with tie rope.
 6. After lifting the material operator should check the boom movement.

Emergency / Emergency Shut OFF:

1. If any injury takes place, provide First aid and inform to the Safety department or Call Emergency number 3108/9865152222

ISA & Isolation Matrix Not Applicable