



## DALMIA CEMENT (B) LIMITED – ARIYALUR



### MECHANICAL SOP

|                          |             |                            |             |
|--------------------------|-------------|----------------------------|-------------|
| Issue No. 01             | Rev. No: 02 | Effective Date: 17.10.2017 | SOP/MEC/077 |
| Issued By: M.R           |             | Approved By: HD Mechanical |             |
| SOP for grease pump work |             |                            |             |

### Work instructions for grease pump work

#### Scope:

**Responsibility:** section Engineer

**Accountability:** Section Head.

#### PPE:

- A) Wear three      1.Helmet; 2. Safety shoes; 3.Gagules.  
B) Carry Three      1.Nose mask; 2.Hand Gloves; 3.Earplugs.

#### TOOLS:

1. Spanner set
2. Allen key set

Hazard Analysis:

#### Risks associated:

Hand injury

#### Mitigating Measures

Head injury

#### Procedure:

- Lift the barrel lid to access the pump by rotating the rack and pinion.
- Apply pressure on the ball and spring to make free movement of the ball for getting suction.
- Observe the sucking action of the pump after getting free movement of the ball.
- If pump not pumping the grease replace with new pump by removing holding bolts
- Start the pump in local mode for few minutes and then take it into circuit

#### Emergency Shut- off:

If any injury takes place, provide First aid and inform to the Safety department or Call Emergency number 3108/9750963709/9750963761.



## DALMIA CEMENT (B) LIMITED – ARIYALUR



### MECHANICAL SOP

|                          |             |                            |             |
|--------------------------|-------------|----------------------------|-------------|
| Issue No. 01             | Rev. No: 02 | Effective Date: 17.10.2017 | SOP/MEC/077 |
| Issued By: M.R           |             | Approved By: HD Mechanical |             |
| SOP for grease pump work |             |                            |             |

| <b>Job Safety Analysis</b>  |  | Job: Belt sway Adjustment during conveyor in operation. | Date: 20/08/2013               | Analysis by:                 | Reviewed by:                                       |
|---|--|---|--------------------------------|------------------------------|--|
| Title of employee doing job :<br>Section engineer   |  | Supervisor:<br>Section Engineer                         | Department:<br>Mechanical      | Section:<br>General          | Approved by:                                       |
| Reqd./recommended PPE's : Safety Helmet, Safety shoe, Hand Gloves, Safety goggles. Nose mask. |  |   |                                |                              |  |
| Sl. No  | Sequence of Basic Job Steps            | Potential Hazards                                       | Recommended Safe Job Procedure | What could go wrong          | Corrective action                                  |
| 1   | Lift the barrel lid to access the pump | Hand may slip   | Hold the handle firmly         | Lid may slip                 | Ensure proper lifting of the lid                   |
| 2   | Check the pump working condition       | Head injury   | Use ppe                        | Head may impact with the lid | Ensure position of the lid while checking the pump |