



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT  
ARIYALUR  
CIVIL DEPARTMENT MANUAL**



Issue No. 01	Rev. No: 02	Effective Date: 07.07.2017	WI/CIVIL/008
Issued By: M.R		Approved By: HOD – CIVIL	
WORK INSTRUCTION FOR ROAD SWEEPING MACHINE			

**PURPOSE:** Documented instructions for safe working of road sweeping machine

**SCOPE:** Safe working of road sweeping machine in side plant premises

**RESPONSIBILITY:** HOD (Civil) shall be responsible for approving the instructions and the section-In charge/area in charge shall be responsible for establishment and implementation of work-instructions

**PROCESS:** As follows,

**During Maintenance:**

1. Do not wear loose clothing & accessories.
2. Wear PPE's without fail.
3. Before starting maintenance, start the machine and walk around the machine to observe the abnormalities.
4. Before starting the maintenance, switch off the engine to avoid unexpected injury.
5. Do not bring the flame near to the accumulator when conducting work in it.
6. When carryout the maintenance under the machine, support the machine securely with blocks and stands.
7. Never touch the injector terminal while engine is running. It may cause electrocution.
8. Carryout the maintenance as per the check sheet provided.
9. While oil servicing, keep the oil tray to avoid land contamination.
10. Used oil to be collected in a separate oil barrels and it should be returned to central stores.



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**During Operation:**

- 1) Check the operation of travel, steering, Brake systems and work equipment control system.
- 2) Check for any problem in the sound of the machine, vibration, heat, smell or gauges and leakage of oil & fuel.
- 3) Operate the machine only when seated.
- 4) Before travelling, ensure no one is standing around the machine. Before starting sound the horn.
- 5) Avoid travelling over obstacles. If unavoidable travel at low speed.
- 6) While travelling don't travel at an angle or across the slope.
- 7) Park the machine on level ground where there is no danger
- 8) Check the diesel level and ensure that at least 05 liters is there in tank.
- 9) Maintenances of Sweeping machine have to maintain efficiently.
- 10) Machine has to be switched off when it is in ideal condition.