



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
DALMIAPURAM
CIVIL DEPARTMENT**



Issue No. 01	Rev. No: 00	Effective Date: 27.02.2016	SOP/CIVIL/03
Issued By: S & P		Approved By: HOD (CIVIL)	
SOP FOR ROAD SWEEPING MACHINE			

Scope/Purpose : This SOP is applicable to Safe operation of road sweeping machine.

Responsibility : Engineer – civil

Accountability : Deputy General Manager – civil

PPE:

1. Safety helmet
2. Safety shoe
3. Rubber Gloves.

Tools:

1. Spanner
2. Jockey
3. Lever
4. Cutting Pliers
5. Chain block
6. pulley

Hazard Analysis:

Risks associated

Cut injury

Mitigating Measures

Use of proper tools & procedures

Training needs:

1. Usage of tools
2. Working procedure of road sweeping machine

Procedure:

1. Use Proper PPE & tools
2. Before starting of work, machine maintenance department personnel should ensure that machine can be taken for sweeping
3. Machine should not be used when the surface is wet
4. The machine can be used only when the dust accumulation is less than 10 cm



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5. The surface should be plain and the machine should not run in an uneven surface.
6. Machine should not run continuously more than 2 hrs, since heat evolution is more.
7. The bag filter should be cleaned once in two days.
8. Machine should be taken for preventive maintenance once in a week.

Emergency / Emergency Shut OFF:

1. If cut or fall injury is there, First aid will be given and inform to the Safety department or Call Emergency number 523/9865177444/9865195111.
2. If any problem occurs, immediately the machine should stopped for breakdown maintenance.

Records/Annexure:

1. Refer manual in diesel loco department.

HEAD CIVIL

HEAD TECHNICAL