



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



Issue No. 01	Rev. No: 00	Effective Date: 01.03.2016	SOP/CIVIL/10
Issued By: S.P		Approved By: HOD (CIVIL)	
SOP FOR WATER TANK CLEANING			

Scope/Purpose : This SOP is applicable to Safe working for water tank cleaning.

Responsibility : Engineer – civil

Accountability : Deputy General Manager – civil

PPE:

1. Gum boot,
2. Gloves,
3. Nose mask

Tools:

1. Pipe ringe
2. Hose
3. MS flat
4. Spade
5. Bond
6. Wire brush

Hazard Analysis:

Risks associated

Cut injury

Mitigating Measures

Use of proper tool

Training needs:

1. Usage of tools

Procedure:

1. Use Proper PPE & tools
2. Removing of tank cover
3. If the tank is in ground level then Barrication should be done as fall of person may cause
4. Water in the tank needs to emptied first
5. Then the delivery pipe line should be plugged properly
6. Silt to be removed and disposed
7. Then cleaning to be done with bleaching powder



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



Issue No. 01	Rev. No: 00	Effective Date: 01.03.2016	SOP/CIVIL/10
Issued By: S.P		Approved By: HOD (CIVIL)	
SOP FOR WATER TANK CLEANING			

8. Finally, white washing to be done in the tank
9. Plug in the delivery pipe line to be removed before filling of the tank
10. After the tank gets dried, water can be filled
11. Then the slabs to be closed properly
12. Now, Barrication can be removed (In case of tanks in the ground level)

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 222/9865155288

Records/Annexure:

1. Refer drawing in civil department.
2. JSA is enclosed below.



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



Issue No. 01	Rev. No: 00	Effective Date: 01.03.2016	SOP/CIVIL/10
Issued By: S.P		Approved By: HOD (CIVIL)	
SOP FOR WATER TANK CLEANING			

JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job: Shuttering	Date:	Analysis by:	Reviewed by:
Title of employee doing job: Contract labour	Supervisor: Section Engineer	Department: Civil	Section: Colony & Plant	Approved by:
Req'd/recommended PPE: Safety helmet, Safety shoe, & Rubber Gloves.				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Removing of slab	Cut injury	Proper PPEs to be used	Mishandling of slabs	Must be so cautious while handling slabs
Fixing of slabs	Cut injury	Proper PPEs to be used	Mishandling of slabs	Must be so cautious while handling slabs