



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



Issue No. 01	Rev. No: 00	Effective Date: 07.11.2017	SOP/CIVIL/11
Issued By: M.R		Approved By: HOD (CIVIL)	
SOP FOR TRACTOR - TANKER ATTACHING/DETACHING WORK			

Scope/Purpose : This SOP is applicable to Safe working for Tractor - Tanker Attaching/Detaching Work.

Responsibility : Engineer – civil

Accountability : Manager – civil

PPE:

1. Safety helmet,
2. Safety shoe,
3. Hand gloves.

Tools:

1. Hammer
2. Wheel Chokes

Hazard Analysis:

Risks associated

- 1) Hitting of hammer on hands
- 2) Falling of steel support on hands
- 3) Movement of tanker wheels

Mitigating Measures

- Hand gloves should be worn & only experienced operator should do the attaching/detaching work
- Hand gloves should be worn & only experienced operator should do the attaching/detaching work
- Wheel chokes to be placed on both sides of a wheel

Training needs:

1. Safety pep talk for wearing PPE's and how to attach & detach the tanker with tractor

Procedure:

1. Use Proper PPE & tools as mentioned above
2. Place the wheel chokes on an appropriate wheel location to arrest its movement.



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3. Only experienced tractor operator should carry out the job.
4. No other person should involve in this job for assisting purpose.
5. Before attaching & detaching the tanker with the tractor, the operator should ensure that the steel support probe from the tanker is properly positioned with the help of bolt rod.
6. After attaching the tanker with the tractor, the operator should ensure that the steel support probe in tanker is removed & fixed in its position with proper bolt rod.

Emergency / Emergency Shut OFF:

1. If any hitting of hammer or falling of steel support probe on the hands, First aid will be given and inform to the Safety department or Call Emergency number 9/3108/9865152222/9750963761.

Records/Annexure:

1. JSA is enclosed below.



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JOB SAFETY ANALYSIS:(JSA)

Job Safety Analysis	Job: Tractor Tanker Attaching/Detaching	Date:	Analysis by:	Reviewed by:
Title of employee doing job: Contract labour	Supervisor: Section Engineer	Department: Civil	Section: Plant	Approved by:
Req'd/recommended PPE: Safety helmet, Safety shoe, Hand Gloves.				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Positioning of tanker for attaching/detaching	Movement of Tanker due to gravity	Pep talk should be conducted to communicate safe & precautionary procedures	Tanker may move due to gravity	Required wheel choke to be placed.
Removal/refixing of probe lock rod for Positioning of steel probe during attaching/detaching	Probe lock rod may get struck & become harder to handle	Pep talk should be conducted to communicate safe & precautionary procedures	While removing & refixing the probe lock rod, it may get struck due to rust & become harder to handle	Only tractor Operator should carry out the job by using hammer & hand gloves to handle the probe lock
Removal/refixing of steel probe while attaching/detaching the tanker	Steel probe may fall on hand	Pep talk should be conducted to communicate safe & precautionary procedures	While removing/refixing the steel probe, it may fall on hand	Only tractor Operator should carry out the job cautiously by removing/refixing the probe in tanker properly by wearing hand gloves