



DALMIA CEMENT (B) LIMITED – ARIYALUR

MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/135
Issued By: M.R		Approved By:	
STRUCTURAL PAITING WORK			

SOP FOR STRUCTURAL PAINTING WORK

Scope:

This SOP is applicable for structural painting work safely.

Responsibility : **Section Engineer** – Mech

Accountability : **Section head** – Mech

PPE:

1. Helmet,
2. Safety shoe,
3. Goggles
4. Gloves.
5. Nose mask
6. Full body harness

Tools:

1. Paint brush
2. Wire brush
3. Grinding wheel
4. Chipper

Hazards:

Risks associated

1. Body injury
2. Leg injury
3. Hand injury

Mitigating Measures

1. Safe and tested tools and tackles
2. On job training



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SOP

1. Take the work Permit with the relevant working area painting.
2. Use PPE'S while working.
3. Clean the structure with the help chipper & wire brush.
4. If required use buffing or grinding wheel to clean the structure.
5. If height is more than 1.5m get height work permit.
6. Use certified ladder.
7. If required erect scaffolding & before use should get the certification from competent person.
8. Use full body harness with double lanyard to ensure continuous tie off.
9. Use hand gloves, nose mask & goggles while painting.
10. After painting clean the area & maintain housekeeping
11. Return the work permit for closing.

Emergency / Emergency Shut OFF:

1. If body injury is there, First aid will be given and inform to the Safety department or Call Emergency number 3108/9865152222.

Records/Annexure:



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1. Refer Line clearance/permit in mech department.

JSA is enclosed below

JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job:	Date: 10/7/2015	Analysis by: P.ADHAVAN	Reviewed by: G.SHANKARAPPA
Title of employee doing job: Section Engineer	Supervisor: Section Head	Department: MECH	Section: PYRO	Approved by:
Req'd/ recommended PPE: Safety helmet, Safety shoe, Gloves, Goggles, Gloves, Nose mask & Full body harness				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Cleaning of the structures	Health, Leg and hand injury	Use proper tools and tackles so that fasteners will not slip.	Fasteners may slip and tools may hit to the hand and leg.	Ensure Use/working condition of TOOLS AND TACKLES. (chipper & grinding/buffing m/c)
Painting	Health injury	Use hand gloves, nose mask and goggles	Paint may spill on your body	Ensure usage of PPE
Painting above 1.5m	Health, Leg ,hand and body injury	Use certified ladder, full body harness & scaffolding	Person may fall down	Ensure use of certified ladder, full body harness & scaffolding