



DALMIA CEMENT (B) LIMITED – ARIYALUR

MECHANICAL

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/144
Issued By: M.R		Approved By: HOD-Mechanical	
SOP FOR INSPECT GAS CUTTING SET & WELDING CABLE			

SOP FOR INSPECT GAS CUTTING SET & WELDING CABLE

Scope : This SOP is applicable for inspect gas cutting set & welding cable .

Responsibility : Tool room operator

Accountability : Section Engineer.

PPE:

1. Safety helmet,
2. Safety shoe
3. Safety Belt
4. Nose Mask.
5. Asbestos Gloves.

Training needs:

1. Emergency preparedness
2. Fire Fighting

Procedure:

- 1) Check for Hoses color code blue for oxygen and orange for LPG.
- 2) Inspect hoses free from cuts, cracks, burnt or worn places.
- 3) Do not repair leaking hoses with tape. Splice in a new piece of hose or discard. When splicing a hose,
- 4) Check for standard brass splicing nipples
- 5) Ensure that all fittings are free of oil.
- 6) Check for Standard Hose Clamps are used & avoid ordinary wire to clamp the hose to a connector.
- 7) Check Oxygen and LPG regulator for leaks.
- 8) Both gauges on regulator should be working condition



DALMIA CEMENT (B) LIMITED – ARIYALUR

MECHANICAL

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/144
Issued By: M.R		Approved By: HOD-Mechanical	
SOP FOR INSPECT GAS CUTTING SET & WELDING CABLE			

- 9) Check regulator free from cuts, cracks, burnt or worn places.
- 10) Check for Standard Messer Make flash back arrester on the both end of torch and regulator side.
- 11) Inspect welding cable & holder free from cuts, oil, water, cracks, burnt or worn places.
- 12) Inspect welding cable lug for proper fixing
- 13) Ensure fire blanket and fire extinguisher with cutting set.

Emergency / Emergency Shut OFF:

1. If any injury takes place, provide First aid and inform to the Safety department or Call Emergency number 3108/9865152222

Records/Annexure:

1. JSA as enclosed below

Job Safety Analysis:

Job Safety Analysis	Job: Inspection of Welding cables & Cutting set	Date:28.2.2018	Analysis by: Section Engineer	Reviewed by: Section Head
Title of employee doing job: Technician	Supervisor: Section Engineer	Department: Mechanical	Section: Cement Plant	Approved by: HOD Mechanical
Required/recommended PPE: Safety helmet, Safety shoe, & Safety belt, goggles				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Cutting set & welding cable .	Slip / Fall	Use proper Trolley	Failure of Trolley	Use proper Trolley Deploy trained manpower.