



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
ARIYALUR
CIVIL DEPARTMENT MANUAL**



Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/CIVIL/15
Issued By: M.R		Approved By: HOD (Civil)	
SOP FOR WOOD CUTTING			

Scope : This SOP is applicable to Safe working for wood cutting at various places in plant area.

Responsibility : Concern contractor & Workers.

Accountability : Civil-Section In charges.

PPE:

1. Safety helmet,
2. Safety shoe or cum boot,
3. Nose Mask.
4. Hand gloves
5. Safety goggles
6. Ear plug

Tools:

1. Fuel Operated wood cutting machine
2. Bill hook

Hazards:

Risks associated

Mitigating Measures

Fire hazard with fuel operated wood cutter

Availability of Fire Extinguishers

Injury to person

While using fuel operated wood cutter machine with, care should be taken while other persons crossing in that area

Noise pollution

Ear plug should be used

Training needs:

1. Emergency preparedness
2. PPE,s PEP Talk & training
3. Training to operate fuel operated wood cutter
4. Fuel handling training for fuel operated wood cutter



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Procedure:

- 1 Dry woods & unwanted branches of trees, both are identified as a source of hazard
- 2 Unwanted branches of trees may lead to many unsafe condition
- 3 Dry woods can be a source of fire
- 4 The wood cutting activity shall be under a controlled supervision of Horticulturist
- 5 The wood cutters shall be allowed to cut only after properly briefing them about hazards in advance
- 6 After cutting, all the cut pieces of woods should be collected & stored with care in the respective locations until disposal to the kiln firing
- 7 While doing wood cutting / cleaning work, extra care to be taken while working near moving/rotating equipment and proper LOTO to be taken accordingly
- 8 Before using fuel operated wood cutter its fuel & oil condition should be checked & refilled properly
- 9 While using fuel operated wood cutter, fire extinguisher should be kept available & no other person other than trained operator should stand near by the site
- 10 Only trained person should operate fuel operated wood cutting machine

Emergency / Emergency Shut OFF:

1. If anybody causes snakes bites, inform to the Safety department or Call Emergency number 9/3108/9865152222/9750963761.
2. If any injury is there, give First aid and inform to the Safety department or Call Emergency number 9/3108/9865152222/9750963761



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Records/Annexure:

1. JSA as enclosed below.

JOB SAFETY ANALYSIS :(JSA)

Job Safety Analysis	Job: This SOP is applicable to Safe working for Wood Cutting at various places	Date:	Analysis by: M.I.Shameem Sufiyan	Reviewed by: S.Chandra Bose
Title of employee doing job: Concern contractor & Workers	Supervisor: Section In charge	Department: Civil	Section: plant area	Approved by: S.Chandra Bose
Req'd/recommended PPE: Safety Helmet, Safety Shoes, Safety Goggles, Cum Boot, Cotton Hand Gloves, Ear Plug, Nose Mask.				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Manual grass cutting	Hand injury	Using proper tools	Minor injury	Ensure trained person with proper PPEs while cutting wood.
Wood cutting with fuel operated machine	1) Fire hazard 2) Cut injury to persons 3) Noise pollution	1) Fire extinguisher availability to be ensured at work spot 2) Other than trained person should not stand near the work spot 3) Ear plug should be used	1) Fire may catch 2) Cut injury to person 3) Hearing impact	Ensure only trained operator with proper PPEs
Wood cutting / cleaning near moving / rotating equipment	Person may/got hit with the moving/rotating equipment	LOTO to be taken as a safe procedure	Minor to major injury	Ensure the competent person to work in that area