



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
ARIYALUR
ELECTRICAL MANUAL**

Issue No:02	Rev. No: 00	Effective Date: 01.11.2019	SOP/ELEC/022
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Issued By:	Approved By:
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SOP for Handling of Electrical / Battery Waste

Scope : This SOP is applicable to Safe Handling of Electrical /Battery Waste

Responsibility : Electrician / Engineer

Accountability : Section In-Charge

PPE:

1. Goggle
2. Nose mask
3. Hand gloves
4. Safety Shoes

Tools:

Nil

Hazard Analysis:

Risks associated

Burn injury due to acid
Suffocation due to toxic gases
Cut injury due to damaged lamp

Mitigating Measures

Usage of acid proof gloves
Usage of nose mask
Usage of Gloves

Training needs:

1. First aid procedure

Procedure:

1. After replacement of electrical spares /scraps, collect and put them in to the concern dust bin.
2. Periodically collect the Spares / Scrap from dust bin and return it to store with below format.
3. If battery is replaced, immediately return them to store.
4. Use following format for returning to store.



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S.No	Description	Qty	Remark
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Emergency / Emergency Shut OFF:

1. If burn injury or cut injury is there, First aid will be given and inform to the Electrical department or Safety department or Call Emergency number 3108/9865152222 / 9750963761.

Records/Annexure:

JSA is enclosed below.



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JOB SAFETY ANALYSIS: (JSA)

Job Safety Analysis	Job: Handling electrical waste	Date:	Analysis by:	Reviewed by:
Title of employee doing job: Electrician	Supervisor: Section Engineer	Department: Electrical	Section: Plant	Approved by: HOD
Reqd./recommended PPE: Goggle, Nose mask, Hand gloves, Safety shoes				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Job Procedure	What Could Go Wrong	Corrective Action
Collecting the waste spare from dust bin.	Cut Injury	Use hand gloves / use safety shoes	Gloves may be not in good condition	Re-check before use.
	Suffocation due to toxic gases	Use Nose Mask	Nose mask damaged	Re-check before use.
Handling of batteries	Acid spillage / Burn injury	Use acid proof hand gloves	Gloves may be not in good condition	Re-check before use
				Periodically replacement