



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



| | | | |
|---------------------|--------------------|-----------------------------------|---------------------|
| Issue No. 01 | Rev. No: 02 | Effective Date: 07.07.2017 | SOP/ELEC/022 |
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| Issued By: | Approved By: |
|-------------------|---------------------|

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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SOP for Handling of Electrical / Battery Waste

| 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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| SOP for Handling of Electrical / Battery Waste | | | |

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 |