



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

Issue No:02	Rev. No: 00	Effective Date: 01.11.2019	SOP/ELE/021
Issued By: M.R		Approved By: HOD - ELECTRICAL	
SOP for Cleaning / Handling of Hand Blower			

Scope : Cleaning with blower and handling of Hand Blower

Responsibility : Electrical section Technician / Section Engineer

Accountability : Electrical Section Engineer / Head

PPE:

1. Safety Helmet,
2. Safety Shoe,
3. Safety Hand Gloves.
4. Nose Mask
5. Goggles

TOOLS:

1. Hand Blower,

Hazard Analysis:

Risk associated:	Mitigation Measures
Effect of Shock	Suitable glove
Effect of Eye Irritation	Use of Goggle
Dust inhalation	Use of Nose mask

Procedure:

1. Check the hand blower for good condition
2. Connect the hand blower carefully to nearest 230V Supply point with 3 core and 3 pin plug.
3. While connecting blower avoid damaged cable / jointed cable.
4. Switch on and Check the blower for abnormality.
5. Before start to clean with blower, wear hand gloves, Nose mask and Goggles
6. If required, use safety belt also.
7. Ensure panel / equipment should be in off condition before cleaning with blower.
8. After completion of cleaning disconnect the blower safely.
9. Store / Stack the blower in safe and dry place.



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Emergency / Emergency Shut OFF:

1. If electrical shock injury or body injury are there, give First aid and inform to the Safety department or Call Emergency number 3108/9865152222/9750963761.

Records/Annexure:

JSA as enclosed below.

JOB SAFETY ANALYSIS:(JSA)

Job Safety Analysis	Job:	Date:	Analysis by: SE	Reviewed by: SH
Title of employee doing job: Electrician	Supervisor: Sec.Engr	Department: Electrical	Section: Plant	Approved by: HOD
Req'd/recommended PPE:				
Sequence of Basic Job Steps	Potential Hazards	Recommended Safe Procedure	What Could Go Wrong	Corrective Action
Blower connection with supply	Electrical Shock	Use proper Plug Top	Damaged Plug Top	Inspect before use
		Use proper wire	Wire may be open near gland	Check before use.
Cleaning of equipments	Injury to eye (irritation) while using Blowering	Use safety goggles	Goggles May Damaged	Inspect before use.
	Inhalation of Dust	Use Nose mask	Nose mask damage	Inspect before use Periodically replacement