



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

Issue No:02	Rev. No: 00	Effective Date:01.11.2019	SOP/ELE/043
Issued By: M.R		Approved By: HOD - ELECTRICAL	
ONLINE BLOWERING OF HT/LT MOTOR			

Scope : Online Blowing of HT/LT motor

Responsibility : Electrical section Technician / Section Engineer

Accountability : Electrical Section Engineer / Head

PPE:

1. Safety Helmet,
2. Safety Shoe,
3. Safety Hand Gloves.
4. Fire proof suit

TOOLS:

1. Spanners,
2. Hand Blower,
3. Waste Cloth.

Hazard Analysis:

Risk associated:

Effect of Eye Irritation

Dust inhalation

Slippage of tools

Mitigation Measures

Use of Google

Use of Nose mask

Proper Usage/handling the tool

Procedure:

1. Ensure the weather condition should be dry and less wind velocity.
2. Connect the blower properly with Industrial Single phase socket.
3. While blowing the motor , people should maintain minimum clearance between live parts and the blower.
4. Clean the area after completion of the work.

Emergency Shut- off:

1. Trip the Motor



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2. If any injuries are there, give First aid and inform to the Safety department or Call Emergency number 3108/9865152222/9750963761.

Records/Annexure:

JSA enclosed

Job Safety Analysis	Job: Online blowiring of HT Motor slipring	Date:	Analysis by:	Reviewed by: SH
Title of employee doing job:	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
Cleaning of motor body parts	Contact with live / rotating parts	Keep safe distance while blowing	Blower hose may contact with rotating parts, which leads to Entrapment	Avoid contact with moving parts maintain safe distance for Blowing
	Eye irritation of dust.	Wear goggles	Damaged goggles/non standard goggles/ Not wearing goggle	Periodic replacement / Proper training / Follow SOP
	Respiration problem of dust	Wear Nose mask	Damaged nose mask/Not wearing Nose mask	Periodic replacement/ Proper training/ Follow SOP
Opening / Closing of Chamber door	Leg injury due to fall of Chamber door	Door to be lifted by two person	Lifting by one person	Educating by pep talk