

	VEDANTA LIMITED – VALUE ADDED BUSINESS	Format No.:	VL/IMS/PP2/MECH/WI/6
	INTEGRATED MANAGEMENT SYSTEM	Revision Date:	05.04.2021
	<u>Work instruction for Glass insulation work</u>	Revision No.:	02
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Objective : - Safe Use of Insulating / Glass wool / other hazardous material

Scope : - power plant accessories

Responsibility: - Engineer In charge & Workmen on the job

PPE's to be used: Helmet, Safety shoes, hand gloves, full sleeve shirt, dust mask and complete sealed goggle

Aspect - Impact :

Dust Generation Air & Land pollution

Scrap Generation Resource depletion

Insulation scrap Hazardous waste generation

Hazards identified :

Mechanical hazard- Falling of material like hammer, tools, bolts, and steel items

Contact from sharp edges of items

Fall from height

Health Hazard – Substance toxic to lungs & mucous membrane Hazardous to consume

On contact causes irritation to skin & eyes.

Hazardous in case of ingestion.

Repeated / prolonged exposure to the substance can damage target organs.

Human behavior- Non use of PPE, Improper housekeeping, Negligence

Safety precautions:

- Avoid using mobile phone while working.
- Use appropriate tools required for the job.
- After job always do proper housekeeping.
- Always prevent body from line of action of force.
- Perform proper communication verbal and non-verbal as required.

Procedure:

- Person should wear full sleeves shirt and hand gloves to reduce chances of skin contact.
- Hand gloves to be worn while handling the insulation material
- Wear fully sealed goggles to avoid irritation in eyes.
- Care should be taken while handling such material to avoid any spillage.
- Housekeeping to be done on completion job.
- Scrap Material should segregate & disposed by collecting it in a bag.

Prepared & Reviewed:	Approved:	Issued:
HOD – Mech – PP	Head – Power	MR
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