



PHARMA DEVILS

ENGINEERING DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Engineering

SOP No.:

Title: Specification of Insulating Material

Effective Date:

Supersedes: Nil

Review Date:

Issue Date:

Page No.:

1.0 Revision History

Rev. No.	Details of changes	Reason for change
00	NIL	NEW SOP

2.0 OBJECTIVE:

2.1 The Objective of this SOP is to provide the Specifications of Insulating material.

3.0 SCOPE:

3.1 This SOP is the provide the Specifications of Insulating material.

4.0 RESPONSIBILITY:

4.1 The Maintenance Engineer shall be:

4.1.1 Responsible for ensuring the specification of insulating material at the time of releasing new order.

4.1.2 Responsible to ensure the compliance of Specifications of Insulating material at the time of receipt.

5.0 ACCOUNTABILITY:

Head –Engineering Services

6.0 PROCEDURE:

6.1 Following are the specifications of insulating material.

6.1.1 Hot Insulation:

6.1.1.1 Material : Glass wool / Light Bonded mattresses.

6.1.1.2 Density : 100 Kg/m³ (Kilogram per Meter Cube).

6.1.1.3 Temperature range : 0 – 400 Degree Centigrade.

6.1.1.4 Application : Steam / Condensate drain line.



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6.1.2 Cold Insulation:

- 6.1.2.1 Material : Thermocol.
- 6.1.2.2 Density : 14 - 16 Kg/m³
- 6.1.2.3 Type : Fire proof.
- 6.1.2.4 Application : AHU ducting/chilled water piping/chiller plant.
- 6.1.2.5 Temp.Range : -20°C to 10°C

7.0 ANNEXURES:

NIL

8.0 References (S)

NIL

9.0 Glossary

SOP : Standard Operating procedure

No : Number