



Title: Preventive Maintenance of Dehumidifier

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
Review Date:		Page No.	1 of 3

1.0 OBJECTIVE

1.1 To describe a procedure for the preventive maintenance of dehumidifier.

2.0 SCOPE

2.1 This procedure applies to the Engineering department.

3.0 RESPONSIBILITY

3.1 Engineering

4.0 ACCOUNTABILITY

4.1 Plant Head

5.0 REFERENCE (S)

5.1 In-house.

6.0 PROCEDURE

6.1 Switch off the power supply of the machine and put under maintenance label.

6.2 Procedure for mechanical work:

- 6.2.1 Clean the dehumidifier with compressed air.
- 6.2.2 Check the heater operation.
- 6.2.3 Checking of alignment and direction of motors.
- 6.2.4 Checking of thermostats.
- 6.2.5 Checking position of dampers.
- 6.2.6 Checking of motor drum belts.

6.3 Procedure for electrical work:

- 6.3.1 Check the motor for its running and vibration.
- 6.3.2 Check all electrical connections.

6.4 Procedure for trial run:

- 6.4.1 Switch on the power supply.
- 6.4.2 Check & record the observations as per Annexure-1.

6.5 Procedure of handover of the machine.

- 6.5.1 Remove the “under maintenance” label & affix Preventive maintenance status tag and inform the concerned department.

6.6 Frequency of preventive maintenance is monthly.

7.0 HISTORY



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7.1 Details are given below.

SOP No.	REASON FOR CHANGE	EFFECTIVE DATE

8.0 ABBREVIATIONS: The abbreviations used in the SOP are as follows:

- 8.1 SOP - Standard Operating Procedure
- 8.2 No. - Number
- 8.3 QA - Quality Assurance



PHARMA DEVILS

ENGINEERING DEPARTMENT

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ANNEXURE-I

PREVENTIVE MAINTENANCE CHECK LIST FOR DEHUMIDIFIER

Equipment ID No. _____

Date: _____

S.No.	Particulars	Done/Not Done	Remarks
1	Clean the complete dehumidifier		
2	Check motor for alignment & direction.		
3	Check all the connections of heaters.		
4	Check the thermostat.		
5	Check the motor drum & belt.		
6	Checking position of dampers.		
7	Check solenoid valve.		
8	Check electrical connections.		

Done by
(Sign & date)

Checked by
(Sign & date)