



Title: Preventive Maintenance of Air Curtain

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
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1.0 OBJECTIVE

1.1 To describe a procedure for the preventive maintenance of air curtain.

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 Procedure for electrical work:

- 6.1.1 Switch off the power supply of the air curtain and put "under maintenance" label.
- 6.1.2 Remove the air curtain cover.
- 6.1.3 Clean the blower using compressed air.
- 6.1.4 Check alignment of blower drum.
- 6.1.5 Clean the air curtain body with a lint free cloth.

6.2 Procedure for trial run:

- 6.2.1 Switch on the power supply and run the air curtain and check for smooth operation.
- 6.2.2 Check for any abnormal sound or vibration of the blower.
- 6.2.3 Check & record the observations as per Annexure No.1

6.3 Procedure for handover of the machines:

- 6.3.1 Remove "under maintenance" label & affix preventive maintenance status tag and inform the concerned department.

6.4 Frequency of preventive maintenance is quarterly.

7.0 HISTORY

7.1 Details are given below.

SOP No.	REASON FOR CHANGE	EFFECTIVE DATE



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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 AIR CURTAIN

Equipment ID No. _____

Date: _____

S.No.	Particulars	Done/Not Done	Remarks
1	Check shaft & rotor		
2	Check Bearing If req. Replace		
3	Check any abnormal Sound		
4	Others.		

Done by
(Sign & date)

Checked by
(Sign & date)