



**Title:** Preventive Maintenance of Deduster

<b>SOP No.:</b>		<b>Revision No.:</b>	00
<b>Effective Date:</b>		<b>Supersedes No.</b>	Nil
<b>Review Date:</b>		<b>Page No.</b>	1 of 3

**1.0 OBJECTIVE**

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

**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 mechanical work:

6.1.1 Switch off the power supply to the machine and put "under maintenance" label.

6.1.2 Check locking arrangement for rotor to motor.

6.1.3 Check compressed air pipeline holes for chocking if found chocked, clean the same.

6.1.4 Check the wheels for any wear and tear.

6.2 Procedure for electrical work:

6.2.1 Check and tighten all the electrical connections.

6.3 Procedure for trial run:

6.3.1 Switch on the power supply.

6.3.2 Run the deduster according to SOP.

6.3.3 Check working of the deduster.

6.3.4 Check & record the observations as per Annexure-1.

6.4 Procedure for handover of machines:

6.4.1 Remove under maintenance label & affix preventive maintenance status tag and inform the concerned department.

6.5 Frequency for preventive maintenance is monthly.

**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 DEDUSTER

Equipment ID No. \_\_\_\_\_

Date: \_\_\_\_\_

S.No.	Particulars	Done /Not Done	Remarks
1	Check and tight all electrical connections.		
2	Check pressure pulley, worm gear.		
3	Check alignment and pressure setting.		
4	Check dust collector's pipe.		
5	Check gearbox oil level & if required top up with servo 90 oil.		
6	Check all pressure gauges.		
7	Others.		

\_\_\_\_\_  
Done by  
(Sign & date)

\_\_\_\_\_  
Checked by  
(Sign & date)