



**Title:** Preventive Maintenance of Dust Collector

<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 dust collector.

**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 Remove the filter bag.
  - 6.2.2 Cover these in a poly bag.
  - 6.2.3 Take the filter bag in washing area.
  - 6.2.4 Clean filter bag with low-pressure compressed air in the reverse direction of regular flow.
  - 6.2.5 After cleaning wrap the filter in the polybags and put them back.
  - 6.2.6 Clean the compressed air filter regulator unit and make up the oil if required.
- 6.3 Procedure for electrical work:
  - 6.3.1 Check the motor for its running and vibration.
  - 6.3.2 Check the operation of solenoid valve.
- 6.4 Procedure for trial run:
  - 6.4.1 Switch on the power supply.
  - 6.4.2 Check & record the observations.
- 6.5 Procedure of handover of the machine.
  - 6.5.1 Remove under maintenance label & affix preventive maintenance status tag and inform to the concerned department.
- 6.6 Frequency of preventive maintenance is monthly.

**7.0 HISTORY**

7.1 Details are given below.

SOP No.	REASON FOR CHANGE	EFFECTIVE DATE



# PHARMA DEVILS

ENGINEERING DEPARTMENT

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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

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## ANNEXURE-I

### PREVENTIVE MAINTENANCE CHECK LIST FOR DUST COLLECTOR.

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

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

S.No.	Particulars	Done/Not Done	Remarks
1	Remove the filter bag.		
2	Cover the open one with poly bag.		
3	Clean filter bag with low-pressure compressed air in the reverse direction of regular flow.		
4	Clean the compressed air FRL unit and top the oil.		

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

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