



Title: Procedure for Filter Cleaning of Dedusting Tunnel

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
Review Date:		Page No.	1 of 4

1.0 OBJECTIVE:

To lay down a Procedure of Filter Cleaning of Dedusting Tunnel.

2.0 SCOPE:

This SOP is applicable for Filter Cleaning of Dedusting Tunnel used for receipt of RM & PM at

3.0 RESPONSIBILITY:

Executive/Officer- Engineering

4.0 ACCOUNTABILITY:

Department Head:-Approval, Ensure Training and Implementation of this SOP's.

5.0 DEFINITION:

NA

6.0 PROCEDURE:

6.1 Starting Procedure

- 6.1.1 Switch off the Dedusting Tunnel and display the 'Filter under Cleaning' board.
- 6.1.2 A person carrying out the filter cleaning activity should wear following apparel.
- 6.1.3 Clean suit (dangri).
- 6.1.4 Nose mask
- 6.1.5 Rubber hand gloves
- 6.1.6 Open the S.S Grill of filter plenum, if applicable.
- 6.1.7 Remove the filter and put it into the polythene bag.
- 6.1.8 Close the S.S Grill of filter plenum.
- 6.1.9 Take the filters to 'Filters Washing' area.
- 6.1.10 Remove the filter from polythene bag and put it in the reverse direction to normal flow.
- 6.1.11 Open the water valve and clean filter with soft water 1.5 to 2 kg/ cm².



Title: Procedure for Filter Cleaning of Dedusting Tunnel

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
Review Date:		Page No.	2 of 4

- 6.1.12** Close the 'portable water' valve.
- 6.1.13** Open the compressed air and cleaned the filter with filtered compressed air at 2 to 3 kg/cm² Pressure.
- 6.1.14** Close the compressed air valve.
- 6.1.15** Change the filter if found damage. In case of damage of Gasket replace the gasket.
- 6.1.16** Put the filter into fresh polythene bag.
- 6.1.17** Clean the washing area using fresh water.
- 6.1.18** Open the S.S Grill or remove the cover of filter cone, as applicable and wipe the filter plenum and blower using dry and clean duster.
- 6.1.19** Fix back the filter plenum.
- 6.1.20** Close the S.S Grill
- 6.1.21** Maintain the record of filter cleaning of Dedusting Tunnel as per Annexure-I (Dedusting Tunnel Filter Cleaning Record).

6.2 Frequency:- Weekly & as and when required

7.0 ABBREVIATIONS:

- No. Number
- QA Quality Assurance
- SOP Standard Operating Procedure
- EN Engineering

8.0 ANNEXURES:

ANNEXURE No.	TITLE OF ANNEXURE	FORMAT No.
Annexure-I	Dedusting Tunnel Filter Cleaning Record	

9.0 DISTRIBUTION:

- Master Copy Quality Assurance Department
- Controlled Copy No. 01 Engineering Department



PHARMA DEVILS

ENGINEERING DEPARTMENT

Title: Procedure for Filter Cleaning of Dedusting Tunnel

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
Review Date:		Page No.	3 of 4

10.0 REFERENCES:

In-House

11.0 REVISION HISTORY:

Revision No.	Change Control No.	Details of Changes	Reason of Changes	Effective Date	Done By
00	Not Applicable	Not Applicable	New SOP		



Title: Procedure for Filter Cleaning of Dedusting Tunnel

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
Review Date:		Page No.	4 of 4

ANNEXURE-1
DEDUSTING TUNNEL FILTER CLEANING RECORD

DEDUSTING TUNNEL FILTER CLEANING RECORD FOR THE MONTH OF _____

Equipment ID:

Location:

Date	Filter		Found OK/Not OK	Filter Cleaned By Sign & Date	Checked By Sign & Date	Next Due Date for Cleaning	Remarks
	5 μ	10 μ					