



PHARMA DEVILS

ENGINEERING DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Engineering	SOP No.:
Title: Operation of Filter Cleaning Station	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.:

1.0 PURPOSE

1.1 To define a procedure for the operation of filters cleaning station.

2.0 SCOPE

2.1 This SOP is applicable for the operation of filter cleaning station at

3.0 REFERENCE(S) & ATTACHMENTS

3.1 References

3.1.1 In-house.

3.2 Attachments

3.2.1 Nil.

4.0 DEFINITION & ABBREVIATION(S)

4.1 Definitions

4.1.1 Nil

4.2 Abbreviations

4.2.1 NA : Not Applicable.

4.2.2 CC : Change Control.

4.2.4 Sl. No. : Serial Number.

4.2.5 SOP : Standard Operating Procedure.

5.0 RESPONSIBILITY:

5.1 Engineering Person:

5.1.1 To follow the procedure defined in the SOP for the operation of filter cleaning station.

5.2 Engineering Head:

5.2.1 To ensure that the operation of filter cleaning station is done according to the procedure defined in the SOP.

5.3 Quality Assurance Head:

5.3.1 To ensure implementation of the defined procedure.



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5.4 Plant Head:

5.4.1 To ensure implementation of the defined procedure.

6.0 Distribution:

- I. Quality Assurance
- II. Engineering

7.0 PROCEDURE:

7.1 Operation of filter cleaning station with Wet Scrubber:

- 7.1.1 Ensure visually the cleanliness of filter cleaning booth.
- 7.1.2 Remove the filter from poly bags and keep in cleaning hood station.
- 7.1.3 Ensure that the arrow mark on the filter is facing towards operator i.e. (filter to be cleaned) in opposite direction to the normal air flow.
- 7.1.4 Switch ON the scrubber blower and wet scrubber pump.
- 7.1.5 First clean filter through compressed air at 1.5 kg/cm² pressure sequentially towards up direction.
- 7.1.6 After cleaning by air, wash filter through potable water at 2.0 kg/cm² pressure physically.
- 7.1.7 Keep filter for natural drying, after the filter is dried keep in the double poly bags.
- 7.1.5 After completion of the filter cleaning operation switch OFF the dust collector.
- 7.1.6 Clean the filter cleaning station as well as floor with water and walls and ceiling with lint free cloth.
- 7.1.7 Wipe properly the suction hood in the booth and compressed air pipe with a cloth.
- 7.1.8 Sanitize the filter cleaning station with 2.5% savlon solution.
- 7.1.9 Collect the polythene bags used to carry the filters before and after filter cleaning as well as hand gloves used and sent these items for disposal in the scrap yard.

8.0 REVISION HISTORY

Version No.	00	Effective Date	
Details of revision: New SOP Prepared			