



# PHARMA DEVILS

## ENGINEERING DEPARTMENT

### STANDARD OPERATING PROCEDURE

<b>Department:</b> Engineering	<b>SOP No.:</b>
<b>Title:</b> Operation of Wet Scrubber	<b>Effective Date:</b>
<b>Supersedes:</b> Nil	<b>Review Date:</b>
<b>Issue Date:</b>	<b>Page No.:</b>

#### 1.0 REVISION HISTORY

Rev. No.	Details of changes	Reason for change
00	NIL	NEW SOP

#### 2.0 OBJECTIVE

The objective of this SOP is:

- 2.1 To describe the procedure for operation of Wet Scrubber.
- 2.2 To monitor the performance of the Wet Scrubber.

#### 3.0 SCOPE

- 3.1 This SOP is applicable for the operation of Wet Scrubber at Alkem Health Science, Samardung, South Sikkim.

#### 4.0 RESPONSIBILITY

- 4.1 The Plant Operator shall be responsible for:
  - 4.1.1 The operation of Wet Scrubber.
  - 4.1.2 Monitoring the operation.
  - 4.1.3 Reporting for abnormal behavior.
- 4.2 The Engineer shall be responsible for:
  - 4.2.1 Corrective action in case of any deviation.
  - 4.2.2 Verifying the performance parameters as per acceptance criteria.



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#### 5.0 ACCOUNTABILITY

Head –Engineering Services.

#### 6.0 PROCEDURE:

##### 6.1 PRIMARY CHECKS:

- 6.1.1 Open the water inlet valve to the Wet Scrubber.
- 6.1.2 Ensure that the incoming dampers of all connected duct are open.

##### 6.2 STARTING PROCEDURE:

- 6.2.1 Switch 'On' the water circulation pump.
- 6.2.2 After 2 -5 minutes and switch 'On' the exhaust air blower of Wet Scrubber.
- 6.2.3 Operator concerned should give blow down for 5-10 minutes to reduce the Concentration of dust in the sump of wet scrubber. Blow down should be given once in a day.

##### 6.3 STOPPING PROCEDURE:

- 6.3.1 Switch 'Off' the exhaust air blower.
- 6.3.2 Let the pump run 5-10 minutes and switch 'Off' the pump.

#### 7.0 ANNEXURES:

NIL.

#### 8.0 REFERENCES (S)

NIL.

#### 9.0 GLOSSARY

SOP : Standard Operating procedure

No : Number