



PHARMA DEVILS

ENGINEERING DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Engineering	SOP No.:
Title: Operation of Air Handling Unit	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.:

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 Air Handling Unit (AHU).
- 2.2 To monitor the performance of the AHU.

3.0 SCOPE

- 3.1 This SOP is applicable for the operation of Air Handling Unit at.

4.0 RESPONSIBILITY

- 4.1 The Maintenance Operator shall be responsible for:

- 4.1.1 The operation of Air Handling Unit.
- 4.1.2 Maintaining the record of dew point temperature.
- 4.1.3 Reporting of deviations observed, if any.

- 4.2 The Maintenance Engineer shall be responsible for:

- 4.2.1 The checking the record of dew point temperature.
- 4.2.2 Handling of deviations, if any.



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5.0 ACCOUNTABILITY

Head –Engineering Services.

6.0 PROCEDURE:

6.1 PRIMARY CHECKS:

- 6.1.1 Ensure that chilled water inlet and outlet valves are open. Open it, if required
- 6.1.2 Ensure that the condensate drain valve is open. Open it, if required.
- 6.1.3 Ensure that chilled water inlet temperature is not more than 10°C (Degree Centigrade) and pressure is not less than 1.0 Kg/cm².
- 6.1.4 Ensure that the supply air damper and return air damper of AHU are open. Open it, if required.
- 6.1.5 Ensure that the alarm system is on .

NOTE: - If any AHU found on trouble then, We can find out by alarming system.

6.2 STARTING PROCEDURE:

- 6.2.1 Switch 'On' the mains.
- 6.2.2 Switch 'On' the blower.
- 6.2.3 Switch 'On' the alarm.
- 6.2.4 Check the blower for any abnormal noise and vibrations. Rectify it, if required.

6.3 STOPPING PROCEDURE:

- 6.3.1 Switch 'Off' the blower.
- 6.3.2 Switch 'Off' the mains.
- 6.3.3 Switch 'Off' the alarm.



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7.0 ANNEXURES:

NIL.

8.0 References (S)

NIL.

9.0 Glossary

SOP : Standard Operating procedure

No : Number

AHU : Air Handling Unit