



# PHARMA DEVILS

ENGINEERING DEPARTMENT

## STANDARD OPERATING PROCEDURE

<b>Department:</b> Engineering	<b>SOP No.:</b>
<b>Title:</b> Operation for Air Handling Unit	<b>Effective Date:</b>
<b>Supersedes:</b> Nil	<b>Review Date:</b>
<b>Issue Date:</b>	<b>Page No.:</b>

### 1.0 OBJECTIVE

To lay down the procedure for the operation of Air Handling unit.

### 2.0 SCOPE

This standard operating procedure (SOP) is applicable for the operation of Air handling unit.

### 3.0 RESPONSIBILITY.

Engineering Supervisor/Technician will operate the Air Handling Unit.

### 4.0 PROCEDURE

#### 4.1 STARTING OF AIR HANDLING UNIT

- 4.1.1 Switch ON main power supply from main electrical panel for mentions AHU.
- 4.1.2 Ensure the RYB indicator glow from Air Handling Unit panel.
- 4.1.3 Ensure that all valve related to chilled water supply and return should be open position.
- 4.1.4 Ensure that all supply & return dampers must be in their setting condition.
- 4.1.5 Switch on the mention AHU from drive panel by operating toggle switch.
- 4.1.6 Ensure that the chilled water inlet & outlet pressure not less than 2 kg/cm<sup>2</sup>
- 4.1.7 Ensure the system is running satisfactory.

#### 4.2 STOPPING OF AIR HANDLING UNIT

- 4.2.1 Switch OFF the mention AHU from drive panel.
- 4.2.2 Switch OFF main power supply from main electrical panel of mentions AHU Nos.

### 5.0 SAFETY AND PRECAUTIONS:

- 5.1 Ensure that AHU doors are in close position.
- 5.2 All electrical leads are secure and in good order.
- 5.3 Ensure proper earthing for air handling unit Motor.

### 6.0 REVISION HISTORY

Revision No.	Reason for Revision	Superseded from & date
00	New	-----

### 7.0 REFERENCES

Operational Manual Of AHU.



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### 8.0 ABBREVIATIONS

SOP: Standard Operating Procedure.

AHU: Air Handing Unit.

### 9.0 ANNEXURE

N/A