



# PHARMA DEVILS

ENGINEERING DEPARTMENT

## STANDARD OPERATING PROCEDURE

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

### OBJECTIVE

To lay down a standard procedure for operation of Air Handling Unit.

### SCOPE

This SOP covers complete smooth operation of Air Handling Unit.

### RESPONSIBILITY

AC Technician, Officer and Executive.

### ACCOUNTABILITY

Head – Engineering.

### REFERENCES

In House

### ATTACHMENTS

Nil

### PROCEDURE

#### 1.0 STARTING THE AHU

- 1.1 Ensure the chiller and chilled water pumps are started
- 1.2 Check the chilled water inlet and outlet valves are open.
- 1.3 Switch ON the main MCB of respective AHU in the MCC panel.
- 1.4 Press the Run switch in the respective AHU VFD panel and ensure the blower is switched ON
- 1.5 Switch “ ON “ the Heaters of the AHU( If applicable).
- 1.6 Ensure the smooth operation of the AHU and note down the Magnehelic guage readings of the EU  
11 Hepa filter in daily log sheet ( If applicable)



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### 2.0 STOPPING THE AHU

2.1 Switch OFF the heater from the main panel.

2.2 Press the Stop button in the AHU panel.

### 3.0 Abbreviations :

SOP : Standard Operating Procedure.

EG : Engineering.

Q.A. : Quality Assurance.

CC No. : Change Control Number.

AHU : Air handling Unit

HEPA: High Efficiency Particulate Air Filter