



PHARMA DEVILS

ENGINEERING DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Engineering

SOP No.:

Title: Action to be taken in case of Building Management System Failure

Effective Date:

Supersedes: Nil

Review Date:

Issue Date:

Page No.:

1.0 OBJECTIVE:

To lay down the procedure for action to be taken in case of building management system failure.

2.0 SCOPE:

This Standard Operating Procedure (SOP) is applicable for action to be taken in case of building management system failure.

3.0 RESPONSIBILITY:

Engineering Manager.

4.0 PROCEDURE

4.1 General condition for action to be in case of building management system failure.

4.1.1 Ensure that the completes BMS system failure.

4.1.2 Inform to the QA department for failure of BMS system to stop the activity.

4.1.3 Put OFF the BMS server as per given below procedure.

4.1.3.1 To close graphics go to insight icon click on shut down option.

4.1.3.2 To close graphics it will ask password enter the password then graphics will closed.

4.1.4 Turn OFF the BMS server, NCRS and DDC panel.

4.1.5 Put The all VFD in model mode to run the AHU from the VFD display panel.

4.1.6 Set all the Chilled water flow actuators by moving the actuators knob.

4.1.7 Set all return damper actuators by pressing manual button of actuators.

4.1.8 Ensure that all return and supply damper are opened as per marked condition.

4.1.9 Run the AHU by pressing the start button of the VFD.

4.1.10 PUT On the heater bank.

4.1.11 Note down the temperature, relative humidity and differential pressure of mfg. and QC area where ever applicable.

4.1.12 If found any deviation then adjust the chilled water flow actuators for temperature and relative humidity and return damper actuators for room pressure.

4.1.13 Set the all parameters still get the room condition as per required.

4.1.14 Note down the observations in the Annexure I.

4.1.15 Inform to the QA persons for getting room conditions and to continue the further activity.

5.0 SAFETY AND PRECAUTIONS:

Not Applicable.

6.0 REVISION HISTORY:

| Revision No. | Reason for Revision | Superseded from & date |
|--------------|---------------------|------------------------|
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7.0 REFERENCES:

Manufacturer Manual.

8.0 ABBREVIATIONS:

BMS: Building Management System..

DDC: Digital Direct Control.

MCB: Magenature Circuit Breaker.

PC: Personal Computer.

LED: light Emitting Diode

UPS: Uninterrupted Power Supply.

9.0 ANNEXURE:

Annexure I: Format for Room Conditioning Monitoring.

