



PHARMA DEVILS

ENGINEERING DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Engineering	SOP No.:
Title: Operation of Chiller Plant	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

2.1 The Objective of this SOP is to describe the procedure for operation of Chiller plant & Monitor the Performance of the Chiller plant.

3.0 SCOPE

3.1 This SOP is applicable for the operation of Chiller plant. Installed in Utility at

4.0 RESPONSIBILITY

4.1 The Plant Operator shall be responsible for:

4.1.1 The operation of Chiller plant.

4.1.2 The maintaining the records.

4.1.3 Reporting for abnormal behavior.

4.2 The Maintenance 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.

5.0 ACCOUNTABILITY

Head –Engineering Services



PHARMA DEVILS

ENGINEERING DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Engineering	SOP No.:
Title: Operation of Chiller Plant	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.:

6.0 PROCEDURE:

6.1 STARTING PROCEDURE:

- 6.1.1 Switch 'On' the chilled water circulation pump to the Chiller.
- 6.1.2 Start the cooling tower as per SOP No.
- 6.1.3 Switch 'On' the mains of chiller panel.
- 6.1.4 Select 'Auto' mode of main panel of chiller.
- 6.1.5 The Chiller will automatically start.
- 6.1.6 Maintain record in Log sheet. (Annexure-1).

6.2 STOPPING PROCEDURE:

- 6.2.1 Select the 'STOP' mode of chiller control panel.
- 6.2.2 Stop the cooling tower as per SOP No.
- 6.2.3 Stop the chilled water pump.

7.0 ANNEXURES:

Annexure-I : Operation Logbook of Chiller plant.

8.0 References (S)

NIL

9.0 Glossary

SOP : Standard Operating procedure
No : Number
EO : Engineering Operation



PHARMA DEVILS

ENGINEERING DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Engineering	SOP No.:
Title: Operation of Chiller Plant	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.: