



# PHARMA DEVILS

ENGINEERING DEPARTMENT

## STANDARD OPERATING PROCEDURE

<b>Department:</b> Engineering	<b>SOP No.:</b>
<b>Title:</b> Operation of Water Chiller Plant	<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 a Procedure for passivation of Operation of Water Chiller Plant.

### 2.0 SCOPE:

This SOP is applicable For Operation of Water Chiller Plant at.....

### 3.0 RESPONSIBILITY:

Executive/Officer- Engineering

### 4.0 ACCOUNTABILITY:

**Department Head:-**Approval, Ensure Training and Implementation of this SOPs.

### 5.0 DEFINITION: NA

### 6.0 PROCEDURE:

#### 6.1 Checks before Starting

**6.1.1** Check the any pipe/pump leakages to make sure they are operational.

**6.1.2** Check the soft water tank level. It should be full.

**6.1.3** Check the cooling tower sump level

**6.1.4** Check leaks & correct.

#### 6.2 Starting

**6.2.1** Switch ON cooling water pump.

**6.2.2** Switch ON the cooling water pumps by push button.



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**6.2.3** Check the cooling water Hot/Cold well tank level. It should be proper.

**6.2.4** Check the chilled water inlet/outlet temperatures.

### **6.3 Stopping**

**6.3.1** Switch OFF the panel.

**6.3.2** Switch OFF the cooling water pumps Push Button.

**6.3.3** Close soft water valve.

**6.3.4** switch OFF the input power supply.

### **7.0 ABBREVIATIONS:**

No.	Number
PW	Purified Water
QA	Quality Assurance
SOP	Standard Operating Procedure
S. No.	Serial Number
SP	Sampling Point
UP	User Point

### **8.0 DISTRIBUTION:**

- Master Copy                      Quality Assurance Department.



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- Controlled Copy No. 01    Engineering Department.
- Controlled Copy No. 02    Production.
- Controlled Copy No. 03    Quality Control Department.

### 9.0 REFERENCES:

In-House

### 10.0 REVISION HISTORY:

Revision No.	Change Control No.	Details of Changes	Reason of Changes	Effective Date	Done By
00	Not Applicable	Not Applicable	New SOP		