



# PHARMA DEVILS

PRODUCTION DEPARTMENT

## STANDARD OPERATING PROCEDURE

**Title:** Cleaning, Operation and Maintenance of Garment Storage Cabinet

<b>SOP No.:</b>		<b>Department:</b>	Microbiology
		<b>Effective Date:</b>	
<b>Revision No.:</b>	00	<b>Revision Date:</b>	
<b>Supersede Revision No.:</b>	Nil	<b>Page No.:</b>	1 of 5

### 1.0 OBJECTIVE

To lay down procedure for cleaning, operation and maintenance of Garment Storage Cabinet.

### 2.0 SCOPE

This SOP is applicable for Garment Storage Cabinet, Make - Klenz Change in manufacturing.

### 3.0 RESPONSIBILITY

Prepared by - Executive Microbiology

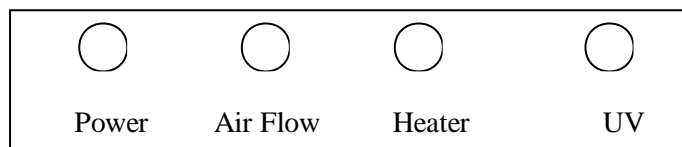
Checked by - Assistant Manager Microbiology / QC

Approved by - Head QA, QC

### 4.0 PROCEDURE

#### 4.1 Operation of Garment Storage Cabinet

- 4.1.1 Ensure that the garment storage cabinet is clean internally and externally before operating it.
- 4.1.2 Connect the plug of garment storage cabinet to the main power supply.
- 4.1.3 Press the main power switch button on.
- 4.1.4 Panel of garment storage cabinet.



- 4.1.4 Gently press the power button to switch on the garment storage cabinet, provided on the front of the garment storage cabinet.
- 4.1.5 Power button light (Red light) start glowing indicating garment storage cabinet is on.
- 4.1.6 Switch on the airflow, Heater and UV button by pressing the button provided on the front panel of the garment storage cabinet to start the air flow heating and UV light.
- 4.1.7 The pressure differential across the HEPA should be in between 10 -15 mm of water.



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- 4.1.8 Open the door of garment storage cabinet by pulling the door.
- 4.1.9 Place sterilized garments in the garment storage cabinet.
- 4.1.10 Close the door of garment storage cabinet carefully after placing the sterilized garments.
- 4.1.11 At the time of use of sterilized garments open the door of garment storage cabinet, wear the sterilized gloves and then remove the sterilized garment for use.
- 4.1.12 Close the door carefully.
- 4.1.13 Magnehelic gauge readings of the garment storage cabinet should be within the set limit. It should be zero when laminar air bench is in off position.
- 4.1.14 Record the Magnehelic gauge reading (pressure differential) twice in a day i.e. the morning and in the evening.
- 4.1.15 Maintain the record of Magnehelic gauge reading (pressure differential) as per Annexure - I.
- 4.1.16 Record the burning hours of U.V. light daily in the morning.
- 4.1.17 Maintain the record of burning hours of U.V. light as per Annexure - II.
- 4.2 Cleaning**
- 4.2.1 Switch off the main power supply of the garment storage cabinet and remove the garment storage cabinet plug from the main power supply.
- 4.2.2 Clean the garment storage cabinet internally and externally by clean lint free cloth soaked in 70 % IPA or any other approved disinfectant solution.
- 4.3 Calibration**
- 4.3.1 UV usage meter of the garment storage cabinet is to be calibrated once in six months by service contractor.
- 4.3.2 Check the intensity of UV light tube with the help of UV intensity meter once in a month or when a UV light tube is replaced. If the intensity falls below 70% of the initial intensity the UV light tube should be changed.
- 4.3.3 Validate the bactericidal and fungicidal efficacy of UV radiation using the plate count method once in six months or after change of UV light tube.
- 4.3.4 In case validation fails, replace the UV light tube and repeat the above test.
- 4.3.5 Magnehelic gauge is to be calibrated once in six months by service contractor.
- 4.3.6 HEPA filter testing is to be done once in six months.



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### 5.0 SAFETY & PRECAUTIONS

- 5.1 Ensure that UV light tube is changed after every 5000 burning hours (Burning hours are recorded on calibrated UV usages meter).
- 5.2 Garment storage cabinet should be on before placing the sterilized garments.

### 6.0 REVISION HISTORY

Revision No.	Reason for Revision	Superseded from & date
00	First Issue	-----

### 7.0 REFERENCES

Not applicable.

### 8.0 ABBREVIATIONS

- SOP : Standard Operating Procedure  
No. : Number  
% : Percentage  
IPA : Isopropyl Alcohol  
HEPA : High Efficiency Particulate Air  
UV : Ultra Violet  
mm : Millimeter  
SS : Stainless Steel

### 9.0 ANNEXURES

- Annexure - I** : Magnehelic Gauge Reading of Garment Storage Cabinet



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**Annexure - II :** U.V. Light burning hour's Record of Garment Storage Cabine

### ANNEXURE - I

### MAGNEHELIC GAUGE READING OF GARMENT STORAGE CABINET

**Location:** \_\_\_\_\_ **ID - :** \_\_\_\_\_

Date	Magnehelic Gauge Reading (mm of water)					Checked by
	Before switching on	After switching on (10 - 15 mm of water )				
		Morning	Recorded by	Evening	Recorded by	

### ANNEXURE - II

### U.V. LIGHT BURNING HOUR'S RECORD OF GARMENT STORAGE CABINET

**Location:** \_\_\_\_\_ **ID - :** \_\_\_\_\_

