


## STANDARD OPERATING PROCEDURE OF HOT AIR OVEN

 <p>BLDEA'S Shri Sanganabasava Mahaswamiji College of Pharmacy &amp; Research Centre Vijayapur 586103</p>	<b>DEPARTMENT:</b> PHARMACEUTICS	<b>SOP NO:</b> Company Name: Osworld Model no: 00G-590
	<b>AREA:</b> PHARMACEUTICS LAB	<b>PAGE NO:</b> 1 - 2
	<b>SUBJECT:</b> SOP FOR HOT AIR OVEN	<b>EFFECTIVE DATE:</b> 25/2/2022
		<b>REVIEW PERIOD:</b> 25/2/2023

### **Purpose:**

To provide a procedure for the operating of Hot Air Oven

### **Scope:**

Applicable to operation of Hot Air Oven

### **References:**

Instrument Manual

### **Safety Issues and Precautions:**

- Were Head cap, Mask, Hand gloves and other safety requirements during the performance of stated activity
- Please make the entry of Usage with require details in the Instrument log book
- Handle the Instrument properly with care
- After using the apparatus please clean the instrument and accessories and keep it clean
- Ensure that after drying, the sample should be removed from the oven.
- **DO NOT** exceeds the temperature beyond the limit of the instrument.
- Wipe the surface, walls, top, bottom and trays of the oven with dry lint free cloth on daily basis so that there will be no dust particles in the oven.

### Procedure:

- 1) Connect the power supply.
- 2) Switch **“ON”** the main power supply and instrument mains.
- 3) **For temperature setting**, press **SET POINT** key. Press ↑ to increase the temperature and ↓ to reduce the temperature.
- 4) The temperature sensor will maintain the set temp which is indicated by the blinking of set temp on the display screen.
- 5) The duration of time can also be adjusted using the time adjustment knob
- 6) After use, **SWITCH OFF** the power supply.

	PREPARED BY	CHECKED BY	APPROVED BY
NAME	Mrs. Ashwini S. Gudigenavar	Mr. A B. Walikar	Dr. S C. Marapur
DESIGNATION	Asst. professor	Asst. Professor	Professor & Head
DEPARTMENT	Pharmaceutics	Pharmaceutics	Pharmaceutics
SIGNATURE & DATE			