


STANDARD OPERATING PROCEDURE OF WATER BATH

 <p>B.L.D.E.A'S SSM COLLEGE OF PHARMACY AND RESEARCH CENTRE, VIJAYAPUR-586 103</p>	DEPT: PHARMACEUTICS	SOP NO:
	AREA: PHARMACEUTICS LABORATORY	PAGE NO: 1 - 2
	SUBJECT: SOP OF WATER BATH	EFFECTIVE DATE: 25/02/2022
		REVIEW PERIOD: 25/02/2023

Purpose:

To provide a procedure for the operating of water bath

Scope:

Applicable to operation of water bath

References:

Equipment Manual

Safety Issues and Precautions:

- Wore 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 equipment log book

Procedure:

- 1) Ensure that the instrument is clean and calibration of temperature indicator is within due date of calibration.
- 2) Fill and check the water level, if required fill purified water to the acceptance level.
- 3) The minimum water level is indicated by a black line on the water level indicator on left.
- 4) Switch "ON" the ring both by pressing "ON/OFF" switch.
- 5) The digital temperature controller cum indicator will indicate the actual temperature of water.

- 6) Set the desired temperature by pressing the PRESS to SET switch and adjusting the SET pot.
- 7) Approximately 1°C before the set temperature, the heater will start going on and off heater action is indicated by the LED on the DTC.
- 8) Allow a few minutes for the temperature to stabilize.
- 9) If the indicated temperature is less than desired, turn the fine tuning pot on the DTC clockwise or vice versa.
- 10) Do not operate without water.
- 11) Switch off when instrument is not in use.
- 12) Calibration after three month.
- 13) After completing the calibration make entry in the calibration record of water bath.

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