


STANDARD OPERATING PROCEDURE OF ROTA MANTLE

 <p>BLDEA'S Shri Sanganabasava Mahaswamiji College of Pharmacy & Research Centre Vijayapur 586103</p>	DEPARTMENT : PHARMACEUTICS	SOP NO: Company Name: REMI Model No: 2RML
	AREA: PHARMACEUTICS LAB	PAGE NO: 1 -2
	SUBJECT: SOP FOR ROTA MANTLE	EFFECTIVE DATE: 25/2/2022 REVIEW PERIOD: 25/2/2023

Purpose:

To provide a procedure for the operating of Rota Mantle apparatus

Scope:

Applicable to operation of Rota Mantle apparatus

References:

Instrument 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 Instrument log book
- Handle the Instrument properly with care
- After using the apparatus please clean the instrument and accessories and keep it clean

Procedure:

- 1) Switch on the mains of Rota Mantle.
- 2) Set the required temperature and rotations per minute setting.
- 3) Monitor the temperature and rotations per minute.

- 4) Do not turn heating knob on mantle without solvent in the bottom of a round bottom flask. Doing so will cause heating mantle break down
- 5) Do not remove the round bottom flask when RPM knob is on.
- 6) Place HOT warning sign near the heating mantle.
- 7) Monitor the system during heating and rotating procedure.
- 8) When procedure complete, carefully remove glassware, using heat proof gloves.
- 9) Switch off heating mantle and leave HOT warning sign in place until everything is cool.

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