



STANDARD OPERATING PROCEDURE

Department: Microbiology

SOP No.:

Title: Operation of Heating Plate

Effective Date:

Supersedes: Nil

Review Date:

Issue Date:

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1.0 OBJECTIVE

1.1 To lay down the Procedure for operation of heating plate.

2.0 SCOPE

2.1 This procedure is applicable for Microbiology Laboratory.

3.0 RESPONSIBILITY

3.1 Lab-assistant or Microbiologist is responsible for operation of heating plate.

4.0 ACCOUNATABILITY

4.1 Head Microbiology

5.0 EHS CONSIDERATIONS

5.1 Switch OFF the heating plate after completion of work.

6.0 PROCEDURE

6.1 Equipment Detail:

6.1.1 Make: Lab Heating Plate

6.1.2 ID:

6.2 Connect the heating plate to the mains supply and switch "ON" the power switch.

6.3 Red LED lamp indicates that the instrument is switched on.

6.4 The instrument temperature ranges from 50°C–100°C, so adjust the desired temperature by temperature controller knob of the instrument.

6.5 Heater gets on and the heating process starts and it is indicated by the Green LED lamp placed on the panel.

6.6 After attaining the set temperature the heater gets switched off automatically.

6.7 Now place the flask containing media, water or solution which needs to be heated on the heating plate.



PHARMA DEVILS
MICROBIOLOGY DEPARTMENT

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6.8 After completion of work switch OFF the mains.

6.9 Wipe the working platform of heating plate with a dry cloth for any spillage.

7.0 DEFINITIONS AND ABBREVIATIONS

7.1 °C - Degree centigrade

7.2 LED - Light emitting diode

8.0 REFERENCE

8.1 NA

9.0 ANNEXURES

9.1 NA

10.0 DISTRIBUTION DETAILS

10.1 Controlled copy of this SOP shall be distributed to Quality Assurance and Microbiology department.

11.0 REVISION HISTORY

Supersedes SOP No.	Change Control No.	Reason for revision