



STANDARD OPERATING PROCEDURE

Department: Microbiology	SOP No.:
Title: Procedure for Monitoring of Temperature and Relative Humidity in Microbiology Laboratory	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.:

1.0 OBJECTIVE:

To lay down a procedure for monitoring of temperature and relative humidity in microbiology laboratory.

2.0 SCOPE:

This SOP is applicable for Monitoring of Temperature, Relative Humidity in Microbiology Laboratory.

3.0 RESPONSIBILITY:

Microbiologist – QC

4.0 ACCOUNTABILITY:

Head – QC

5.0 ABBREVIATIONS:

%	Percentage
°C	Degree Centigrade
Hr.	Hour
NMT	Not More Than
QA	Quality Assurance
QC	Quality Control
RH	Relative Humidity
SOP	Standard Operating Procedure

6.0 PROCEDURE:

6.1 OBSERVATIONS OF TEMPERATURE AND RELATIVE HUMIDITY BY DIGITAL TEMPERATURE AND RELATIVE HUMIDITY METER:

- 6.1.1 Record the Temperature and Relative Humidity displayed on digital screen of digital temperature and relative humidity meter/ Hygrometer.
- 6.1.2 Record the observation of Sterility Room, MLT Room in **Annexure-I**, Titled “**Temperature and Relative Humidity Record**”.
- 6.1.3 For Assay Room monitoring Enter the MLT and Bioassay area as per procedure mentioned on SOP, “**Entry, Exit and Gowning for MLT and Microbial Assay Area**” record the observation in presterilized petri plate lid or Sterile bacterial paper and after completion of activity transcribe the detail in **Annexure-I**, Titled- “**Temperature and Relative Humidity Record**”.



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6.1.4 Record the Temperature and Relative Humidity observation of Sterility Room, Assay Room and MLT Room twice in a day

Temperature Limits: NMT 27° C

Relative Humidity Limits: 55 ± 5%

7.0 ANNEXURES:

ANNEXURES No.	TITLE OF ANNEXURE	FORMAT No.
Annexure-I	Temperature and Relative Humidity Monitoring record	

ENCLOSURES: SOP Training Record.

8.0 DISTRIBUTION:

- Controlled Copy No. 01 Quality Assurance
- Controlled Copy No. 02 Microbiology
- Master Copy Quality Assurance

9.0 REFERENCES:

Not Applicable.

10.0 REVISION HISTORY:

CHANGE HISTORY LOG

Revision No.	Change Control No.	Details of Changes	Reason for Change	Effective Date	Updated By

