

## CALIBRATION REPORT

Report No : HBMS/CAL/23-24		Calibration Date : 23.09.2023
		Calibration Valid: 22.03.2024
<b>1.1.CUSTOMER DETAILS:</b>		
Name and Address of the organization		<b>M/s, UPGRADED PRIMARI HEALTH CENTRE, ARIYAPALAYAM, SALEM.</b>
<b>1.2. DESCRIPTION OF DEVICE UNDER TEST (DUT):</b>		
EQUIPMENT NAME		CENTRIFUGE
<b>i</b>	Manufactured by	----
<b>ii</b>	Model	XP-100
<b>iii</b>	Serial No	B4851
<b>iv</b>	Location	LABORATORY

### CALIBRATION WORKSHEET

#### Tabulation For – Centrifuge

S.no	Unit under test IN Minutes	Observed speed tachometer in RPM	Deviation measured $\pm$ RPM
1	1000	999	-1
2	1200	1199	-1
3	1500	1500	0
4	2000	2000	0

Acceptable deviation is  $\pm$  5 RPM it depends on Max Speed Range

<b>S.no</b>	<b>Unit under test in minutes</b>	<b>Standard reading Digital Timer in minutes</b>	<b>Deviation measured in minutes</b>
<b>1</b>	<b>05.0</b>	<b>05.1</b>	<b>0.1</b>
<b>2</b>	<b>10.0</b>	<b>10.2</b>	<b>0.2</b>
<b>3</b>	<b>15.0</b>	<b>15.1</b>	<b>0.1</b>
<b>4</b>	<b>20.0</b>	<b>20.2</b>	<b>0.2</b>

**Acceptance deviation:  $\pm 0.5$  seconds**

**Testy equipment used**

The calibration was performed by using Digital Multimeter & PT -100 sensor, Digital Timer (Stop Watch) and Digital Tachometer ( non – contact ) measured has been inspected in accordance with our inspection procedures to meets manufactures specification .

**Remarks**

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**Verified by :**