



### ELECTRICAL SAFETY TESTING/ CALIBRATION

Report No : HBMS/CAL/23-24		Calibration Date : 03.10.2023
		Calibration valid : 02.04.2024
<b>1.1 CUSTOMER DETAILS:</b>		
Name and Address of the organization		M/s, URBAN GOVERNMENT PRIMARY HEALTH CENTRE , KITCHIPALAYAM, SALEM CORPORATION, SALEM
<b>1.2. DESCRIPTION OF DEVICE UNDER TEST (DUT):</b>		
EQUIPMENT NAME		MICROSCOPE
i	Manufactured by	QUALITY INDIA
ii	Model	KXD-1005
iii	Serial No	3880
iv	Location	LABORATORY

<b>2.CONDITION OF THE ITEM WHEN RECEIVED</b>
No visible damages and in working order

<b>3.TEST DONE</b>	Electrical safety/ Performance Testing
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<b>4. STATUS</b>						
Manufactures Specification	User specification	Within specification	Out of specification	Calibration	Electrical Safety Test	Performance Analysis
√	-	√	-	-	√	-

MD Reg No: TN/CBE/MD42/00016

GSTIN: 33AAJFH1833M1ZB

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**5. TRACEABILITY DETAILS OF INSTRUMENTS USED FOR TESTING**

S.No	Name of the instrument	Make	Model	Serial no	Cal Due
1	Electrical safety analyser	Fluke	Ess612	1005050	07-OCT-2023

**6. ELECTRICAL SAFETY TEST**

S.NO	PARAMETER	OBSERVED VALUE	ACCEPTANCE LIMITS AS PER THE STD	REMARKS
1.	Protective earth resistance	0.129Ω	<0.3 Ω	Ok
2.	Earth leakage	134.21μA	<210 μA NC	Ok
3.	Patient leakage current	NA	<100 μA BF	Ok
4.	Equipment current	0.3A	As per the manufacture spec	Ok
5.	Mains voltage (P-F)	230.5V	-	Ok
6.	Mains voltage (P-N)	231.2V	--	Ok
7.	Mains voltage (N-E)	1.0V	<5V	Ok
8.	Enclosure leakage current	50 μA	<100 μA (normal)	Ok
9.	Insulation resistance	OL	>100 M Ω	Ok

**7. Remarks**

1	This report is applicable to the sample tested only
2	The instrument used for testing are valid calibration and are traceable to national standards
3	Parameter of the DUT were verified and found to be within the specified limits

Verified by

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