



G MULTI SERVICES

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Bio Medical Instruments Services

Er. A. Ibathul Raziq DECE., BE (ICE)
Bio Medical Engineer

Calibration Protocol & Report for Medical Equipment

Equipment : MICROSCOPE
MAKE : LABOSCOPE
MODEL : BINOCULAR

PROTECT CLASS /TYPE : Risk Class II/CF
S. No. : 21737
Location : GCHC, ATHANI

S.No	Measurement Parameters		Status	Remarks
1	Electrical Test	(a) Safety Standards (range : 210-240 V) (b) Equipotential ground & Earthing (c) Risk of shock/fire Hazards, if any (d) Chassis & Insulation Resistance (e) Earth & Chassis Leakage Current (f) Battery conditions & charging status	235 volts 0 to 5volts No Zero ohms 10mA ---	Stabilizer/Ups With in Ranges Well
2	Physical Condition Test	(a) Cabinet & Visible damages, if any (b) Power Supply unit, halogen lamps, Power cord accessories (c) Risk of mechanical damages, if any	No OK No	 Checked ok
3	Performance Test	(a) Halogen lamps intensity (b) Intensity test taken by lux meter for a particular lamp & results (c) Measurement of lux/Lens range (d) Lamp life time	Normal OK OK OK	Fine Brightness Perfect 20000 hrs Apprx.
4	Calibration Test	(a) LED lamps intensity (b) Intensity test taken by lux meter for a particular lamp & results (c) Measurement of Lux/Lenses cal (d) Lamp life time	OK Done 1200 Lux OK	In range Peak in range In range
Formulated By: Edition Research Laboratory		Issued By:	User Department:	
Endorsed By : Research team head				
Reviewed On: 17.08.23 Next Review : 16.08.24				