



G MULTI SERVICES

78, Yahooob Street, Gobichettipalayam, Erode Dist, Tamil Nadu. Pin:638 452.
gmultiservicesgobi@gmail.com. Cell : 96597 20654.
Bio Medical Instruments Services

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

Calibration Protocol & Report for Medical Equipment

Equipment: **MICROSCOPE**
MAKE : BLS-113Year2020
MODEL : BINOCULAR

PROTECT CLASS/TEST : Risk class II/CF
S.No : 9015
Locatio. : GPHC, Bargur

S.no	Measurement Parameters	Status	Remarks
1	Electrical Test (a) Safety Standards (range :210-240v) (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/Lenses cal (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: 26.03.23 Next Review : 25.03.24			

