National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ISWARYA X RAY AND ELECTRO MEDICAL SERVICES, 57/100, PERIYAR STREET, MGR NAGAR, CHENNAI, TIRUPATHUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10876 **Page No** 1 of 5

Validity 29/07/2022 to 28/07/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Consistency of radiation output (CoV)	AERB/RF-MED/SC-03
2	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Exposure Rate on Table Top	AERB/RF-MED/SC-03
3	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	High Contrast Resolution	AERB/RF-MED/SC-03
4	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Irradiation time (s)	AERB/RF-MED/SC-03
5	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-03
6	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Low Contrast Resolution	AERB/RF-MED/SC-03
7	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Operating Potential (kV)	AERB/RF-MED/SC-03
8	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Radiation leakage level at 1m from tube housing	AERB/RF-MED/SC-03

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9	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Radiation Protection Survey	AERB/RF-MED/SC-03
10	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Total Filtration	AERB/RF-MED/SC-03
11	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy	Congruence of radiation and optical field	AERB/RF-MED/SC-03
12	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Central beam alignment	AERB/RF-MED/SC-03
13	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Consistency of radiation output (CoV)	AERB/RF-MED/SC-03
14	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Effective focal spot measurement FFD= 60 cm	AERB/RF-MED/SC-03
15	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Exposure Rate in Table Top	AERB/RF-MED/SC-03
16	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	High Contrast Resolution	AERB/RF-MED/SC-03
17	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Irradiation Time (s)	AERB/RF-MED/SC-03

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18	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Low Contrast Resolution	AERB/RF-MED/SC-03
19	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	mA/mAs Linearity	AERB/RF-MED/SC-03
20	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Operating Potential (kV)	AERB/RF-MED/SC-03
21	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Radiation leakage level at 1m from tube housing	AERB/RF-MED/SC-03
22	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Radiation Protection Survey	AERB/RF-MED/SC-03
23	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray and Fluoroscopy Equipment	Total Filtration	AERB/RF-MED/SC-03
24	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	Consistency of Radiation Output (CoV)	AERB/RF-MED/SC-03
25	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	High Contrast Sensitivity	AERB/RF-MED/SC-03
26	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	Irradiation Time	AERB/RF-MED/SC-03

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27	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	Low Contrast Sensitivity	AERB/RF-MED/SC-03
28	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	mA/mAs Linearity	AERB/RF-MED/SC-03
29	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	Operating Potential (kV)	AERB/RF-MED/SC-03
30	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	Radiation leakage level from X-ray tube housing	AERB/RF-MED/SC-03
31	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	Radiation Protection Survey	AERB/RF-MED/SC-03
32	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	Timer linearity (Coefficient of Linearity)	AERB/RF-MED/SC-03
33	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG, Intra Oral and Hand-held)	Total filtration	AERB/RF-MED/SC-03
34	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed)	Radiation Protection Survey	AERB/RF-MED/SC-03
35	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Central beam alignment	AERB/RF-MED/SC-03
36	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Congruence of radiation and optical field	AERB/RF-MED/SC-03
37	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Consistency of radiation output (CoV)	AERB/RF-MED/SC-03

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38	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Effective focal spot measurement FFD= 60 cm	AERB/RF-MED/SC-03
39	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Irradiation Time (s)	AERB/RF-MED/SC-03
40	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-03
41	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Operating Potential (kV)	AERB/RF-MED/SC-03
42	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Radiation leakage level at 1m from tube housing	AERB/RF-MED/SC-03
43	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Total Filtration	AERB/RF-MED/SC-03