National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RX MEDICAL SYSTEMS AND SERVICES, WS-2, RIICO INDUSTRIAL AREA, MALVIYA NAGAR, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9917 **Page No** 1 of 6

Validity 29/09/2021 to 28/09/2023 **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- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Accuracy of Operating Potential (kV)	AERB Test Protocol
2	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Accuracy of Timer (s)	AERB Test Protocol
3	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	High contrast resolution	AERB Test Protocol
4	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Low Contrast Resolution	AERB Test Protocol
5	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Measurement of mA/mAs Linearity	AERB Test Protocol
6	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Measurement of Radiation Protection Survey	AERB Test Protocol
7	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Dose Index CTDI	AERB Test Protocol
8	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Leakage level from X-Ray tube housing	AERB Test Protocol
9	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Profile width/ Slice Thickness	AERB Test Protocol
10	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Reproducibility of output (CoV)	AERB Test Procotol
11	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Timer Linearity	AERB Test Protocol
12	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Total Filtration	AERB Test Protocol
13	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Accuracy of irradiation time (s)	AERB Test Protocol

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14	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Accuracy of operating potential (kV)	AERB Test Protocol
15	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Consistency of radiation output (CoV)	AERB Test Protocol
16	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Exposure Rate in Table Top	AERB Test Protocol
17	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	High Contrast Resolution	AERB Test Protocol
18	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Linearity of mA/mAs loading stations	AERB Test Protocol
19	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Low Contrast Resolution	AERB Test Protocol
20	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Measurement of Radiation Protection Survey	AERB Test Protocol
21	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Radiation leakage level at 1m from tube housing	AERB Test Protocol
22	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM and O-ARM	Total Filtration	AERB Test Protocol

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23	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Accuracy of irradiation time (s)	AERB Test Protocol
24	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Accuracy of Operating Potential (kV)	AERB Test Protocol
25	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Central beam alignment	AERB Test Protocol
26	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Congruence of radiation and optical field	AERB Test Protocol
27	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Consistency of radiation output (CoV)	AERB Test Protocol
28	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Effective focal spot measurement FFD= 60 cm	AERB Test Protocol
29	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Exposure Rate in Table Top	AERB Test Protocol
30	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	High Contrast Resolution	AERB Test Protocol
31	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Low Contrast Resolution	AERB Test Protocol

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32	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Measurement of mA/mAs Linearity	AERB Test Protocol
33	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Measurement of Radiation Protection Survey	AERB Test Protocol
34	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Radiation leakage level at 1m from tube housing	AERB Test Protocol
35	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X Ray and Fluoroscopy	Total Filtration	AERB Test Protocol
36	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray Equipment (OPG and Intra Oral)	Accuracy of Irradiation time(s)	AERB Test Protocol
37	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray Equipment (OPG and Intra Oral)	Accuracy of operating potential (kV)	AERB Test Protocol
38	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray Equipment (OPG and Intra Oral)	Consistency of Radiation Output (CoV)	AERB Test Protocol
39	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray Equipment (OPG and Intra Oral)	Measurement of mA/mAs Linearity	AERB Test Protocol
40	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray Equipment (OPG and Intra Oral)	Measurement of Radiation Protection Survey	AERB Test Protocol
41	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray Equipment (OPG and Intra Oral)	Radiation leakage level from X-ray tube housing	AERB Test Protocol

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42	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray Equipment (OPG and Intra Oral)	Timer linearity (Coefficient of Linearity)	AERB Test Protocol
43	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray Equipment (OPG and Intra Oral)	Total filtration	AERB Test Protocol
44	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed)	Measurement of Radiation Protection Survey	AERB Test Protocol
45	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Accuracy of irradiation time (s)	AERB Test Protocol
46	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Accuracy of operating potential (kV)	AERB Test Protocol
47	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Central Beam Alignment	AERB Test Protocol
48	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Congruence of radiation and optical field	AERB Test Protocol
49	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Consistency of radiation output (CoV)	AERB Test Protocol
50	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Effective focal spot measurement FFD= 60 cm	AERB Test Protocol
51	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Linearity of mA/mAs loading stations	AERB Test Protocol
52	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 Test Protocol

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53	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray (Fixed, Portable and Mobile)	Total Filtration	AERB Test Protocol