National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RADIATION PROTECTION SERVICES, 153, 1ST FLOOR, RAGHULEELA MEGA MALL, KANDIVALI WEST, MUMBAI, MUMBAI SUBURBAN, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Irradiation Time(Sec)	AERB/RF-MED/SC-03
2	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Area Surveillance Test	AERB/RF-MED/SC-03
3	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Computed Tomography dose index (CTDi)	AERB/RF-MED/SC-03
4	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	High Contrast Resolution	AERB/RF-MED/SC-03
5	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-03
6	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Low Contrast Resolution	AERB/RF-MED/SC-03
7	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Operating Potential(kV)	AERB/RF-MED/SC-03
8	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Output Consistency	AERB/RF-MED/SC-03
9	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Radiation leakage level from tube housing and Collimator	AERB/RF-MED/SC-03
10	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Slice Thickness	AERB/RF-MED/SC-03
11	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Computed Tomography (CT)	Total Filtration	AERB/RF-MED/SC-03
12	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Area Surveillance Test	AERB/RF-MED/SC-03
13	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	High Contrast Resolution	AERB/RF-MED/SC-03

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14	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Irradiation Time(Sec)	AERB/RF-MED/SC-03
15	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-03
16	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Low Contrast Resolution	AERB/RF-MED/SC-03
17	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Operating Potential (kVp)	AERB/RF-MED/SC-03
18	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Output Consistency	AERB/RF-MED/SC-03
19	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Total Filtration (TF)	AERB/RF-MED/SC-03
20	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Tube Housing Leakage Test	AERB/RF-MED/SC-03
21	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Area Surveillance Test	AERB/RF-MED/SC-03
22	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Exposure Rate at Tabletop	AERB/RF-MED/SC-03
23	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	High Contrast Resolution	AERB/RF-MED/SC-03
24	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-03

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25	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Low Contrast Resolution	AERB/RF-MED/SC-03
26	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Operating Potential(kV)	AERB/RF-MED/SC-03
27	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Output Consistency	AERB/RF-MED/SC-03
28	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Total Filtration	AERB/RF-MED/SC-03
29	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Tube Housing Leakage Test	AERB/RF-MED/SC-03
30	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Area Surveillance Test	AERB/RF-MED/SC-03
31	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Exposure Rate at Tabletop	AERB/RF-MED/SC-03
32	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	High Contrast Resolution	AERB/RF-MED/SC-03
33	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Irradiation Time(Sec)	AERB/RF-MED/SC-03

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34	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-03
35	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Low Contrast Resolution	AERB/RF-MED/SC-03
36	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Operating Potential (kV)	AERB/RF-MED/SC-03
37	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Output Consistency	AERB/RF-MED/SC-03
38	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Total Filtration	AERB/RF-MED/SC-03
39	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology (Cath-Lab)	Tube Housing Leakage Test	AERB/RF-MED/SC-03
40	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Area Surveillance Test	AERB/RF-MED/SC-03
41	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Half Value Layer (HVL)	AERB/RF-MED/SC-03
42	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Imaging Performance Evaluation of Mammography Phantom	AERB/RF-MED/SC-03
43	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-03

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44	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Operating Potential (kV)	AERB/RF-MED/SC-03
45	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Output Consistency	AERB/RF-MED/SC-03
46	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Tube Housing Leakage Test	AERB/RF-MED/SC-03
47	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental Intra Oral	Irradiation Time(Sec)	AERB/RF-MED/SC-03
48	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental Intra Oral	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-03
49	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental Intra oral	Operating Potential(kV)	AERB/RF-MED/SC-03
50	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental Intra Oral	Output Consistency	AERB/RF-MED/SC-03
51	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental Intra Oral	Timer Linearity	AERB/RF-MED/SC-03
52	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental Intra Oral	Total Filtration	AERB/RF-MED/SC-03
53	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental Intra Oral	Tube Housing Leakage Test	AERB/RF-MED/SC-03
54	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Orthopantomogram (OPG)	Area Surveillance Test	AERB/RF-MED/SC-03

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55	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Orthopantomogram (OPG)	Irradiation Time(Sec)	AERB/RF-MED/SC-03
56	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Orthopantomogram (OPG)	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-03
57	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Orthopantomogram (OPG)	Operating Potential(kV)	AERB/RF-MED/SC-03
58	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Orthopantomogram (OPG)	Output Consistency	AERB/RF-MED/SC-03
59	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Orthopantomogram (OPG)	Total Filtration	AERB/RF-MED/SC-03
60	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Orthopantomogram (OPG)	Tube Housing Leakage Test	AERB/RF-MED/SC-03
61	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Total Filtration	AERB/RF-MED/SC-03
62	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Area Surveillance Test	AERB/RF-MED/SC-03
63	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Central Beam Alignment	AERB/RF-MED/SC-03
64	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Congruence of Radiation and Optical Field	AERB/RF-MED/SC-03
65	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Consistency of Radiation Output	AERB/RF-MED/SC-03

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66	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Effective Focal Spot Measurement	AERB/RF-MED/SC-03
67	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Irradiation Time(Sec)	AERB/RF-MED/SC-03
68	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Linearity of mA/mAs loading station	AERB/RF-MED/SC-03
69	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Operating Potential (kVp)	AERB/RF-MED/SC-03
70	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Fixed)	Tube Housing Leakage Test	AERB/RF-MED/SC-03
71	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Central Beam Alignment	AERB/RF-MED/SC-03
72	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Congruence of Radiation and Optical Field	AERB/RF-MED/SC-03
73	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Consistency of Radiation Output	AERB/RF-MED/SC-03
74	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Effective Focal Spot Measurement	AERB Test Protocol
75	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Irradiation Time(Sec)	AERB/RF-MED/SC-03
76	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Linearity of mA/mAs loading station	AERB Test Protocol

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77	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Operating Potential (kVp)	AERB/RF-MED/SC-03
78	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Total Filtration (TF)	AERB Test Protocol
79	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (Mobile/Portable)	Tube Housing Leakage Test	AERB Test Protocol