National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AOV INTERNATIONAL LLP (TESTING LABORATORY), C-22/25, SECTOR-57, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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 Machine	Radiation Protection Survey of the Installation	AERB/RF-MED/SC-3
2	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Slice Thickness (mm)	AERB/RF-MED/SC-3
3	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Total Filtration	AERB/RF-MED/SC-3
4	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Operating Potential (kV)	AERB/RF-MED/SC-3
5	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Consistency of Radiation Output	AERB/RF-MED/SC-3
6	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	High Contrast Resolution	AERB/RF-MED/SC-3
7	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Linearity of Radiation dose output (mA/mAs loading stations)	AERB/RF-MED/SC-3
8	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Linearity of Time loading station	AERB/RF-MED/SC-3
9	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Low Contrast Resolution	AERB/RF-MED/SC-3
10	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Radiation Dose Test of CTDIw	AERB/RF-MED/SC-3
11	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Radiation leakage level from X-ray tube housing	AERB/RF-MED/SC-3
12	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Machine	Time	AERB/RF-MED/SC-3
13	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Irradiation Time(sec)	AERB/RF-MED/SC-3

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14	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-3
15	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Operating Potential (kV)	AERB/RF-MED/SC-3
16	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Radiation Leakage level from X-Ray tube housing at 1 m	AERB/RF-MED/SC-3
17	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Radiation Protection Survey of the installation	AERB/RF-MED/SC-3
18	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Timer Linearity	AERB/RF-MED/SC-3
19	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental Cone Beam CT	Total Filtration	AERB/RF-MED/SC-3
20	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Consistency of radiation output	AERB/RF-MED/SC-3
21	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Exposure Rate at Table top	AERB/RF-MED/SC-3
22	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	High Contrast Resolution	AERB/RF-MED/SC-3
23	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Irradiation Time(sec)	AERB/RF-MED/SC-3
24	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-3

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25	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Low Contrast Resolution	AERB/RF-MED/SC-3
26	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Operating Potential (kV)	AERB/RF-MED/SC-3
27	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Radiation leakage level at 1m from housing and Collimator	AERB/RF-MED/SC-3
28	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm and O-Arm	Total Filtration	AERB/RF-MED/SC-3
29	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	Consistency of Radiation Output	AERB/RF-MED/SC-3
30	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	Exposure Rate at Table top	AERB/RF-MED/SC-3
31	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	High Contrast Resolution	AERB/RF-MED/SC-3
32	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-3
33	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	Low Contrast Resolution	AERB/RF-MED/SC-3

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34	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	Operating Potential (kV)	AERB/RF-MED/SC-3
35	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	Radiation leakage level at 1m from housing and Collimator	AERB/RF-MED/SC-3
36	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	Radiation Protection Survey of the installation	AERB/RF-MED/SC-3
37	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology - Cath Lab	Total Filtration	AERB/RF-MED/SC-3
38	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Central Beam Alignment	AERB/RF-MED/SC-3
39	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Congruence of radiation and optical Field	AERB/RF-MED/SC-3
40	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Consistency of Radiation Output	AERB/RF-MED/SC-3
41	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Effective focal spot	AERB/RF-MED/SC-3
42	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Exposure Rate at Table Top	AERB/RF-MED/SC-3

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43	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	High Contrast Resolution	AERB/RF-MED/SC-3
44	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Irradiation Time	AERB/RF-MED/SC-3
45	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Irradiation Time(sec)	AERB/RF-MED/SC-3
46	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-3
47	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Low Contrast Resolution	AERB/RF-MED/SC-3
48	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Operating Potential (kV)	AERB/RF-MED/SC-3
49	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Radiation leakage level at 1m from housing and Collimator	AERB/RF-MED/SC-3
50	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Radiation Protection Survey of the installation	AERB/RF-MED/SC-3
51	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-Ray and Fluoroscopy	Total Filtration	AERB/RF-MED/SC-3

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52	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Consistency of Radiation Output	AERB/RF-MED/SC-3
53	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Half Value Layer (Total Filtration)	AERB/RF-MED/SC-3
54	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Irradiation Time(sec)	AERB/RF-MED/SC-3
55	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-3
56	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Operating Potential (kV)	AERB/RF-MED/SC-3
57	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Performance of Imaging Phantom	AERB/RF-MED/SC-3
58	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Radiation leakage level at 1m from housing and Collimator	AERB/RF-MED/SC-3
59	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DENTAL MACHINE (Intra Oral Peri-apical radiograph (IOPA),Ortho Pan tomography (OPG), Dental Hand Held)	Consistency of Radiation Output (Coefficient of Variation)	AERB/RF-MED/SC-3
60	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DENTAL MACHINE (Intra Oral Peri-apical radiograph (IOPA),Ortho Pan tomography (OPG), Dental Hand Held)	Irradiation Time(sec)	AERB/RF-MED/SC-3
61	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DENTAL MACHINE (Intra Oral Peri-apical radiograph (IOPA),Ortho Pan tomography (OPG), Dental Hand Held)	Linearity of mA/mAs Loading Stations	AERB/RF-MED/SC-3
62	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DENTAL MACHINE (Intra Oral Peri-apical radiograph (IOPA),Ortho Pan tomography (OPG), Dental Hand Held)	Operating Potential (kV)	AERB/RF-MED/SC-3
63	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DENTAL MACHINE (Intra Oral Peri-apical radiograph (IOPA),Ortho Pan tomography (OPG), Dental Hand Held)	Radiation leakage level from X-Ray tube housing at 1m from the focus	AERB/RF-MED/SC-3

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64	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DENTAL MACHINE (Intra Oral Peri-apical radiograph (IOPA),Ortho Pan tomography (OPG), Dental Hand Held)	Timer Linearity	AERB/RF-MED/SC-3
65	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DENTAL MACHINE (Intra Oral Peri-apical radiograph (IOPA),Ortho Pan tomography (OPG), Dental Hand Held)	Total Filtration	AERB/RF-MED/SC-3
66	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DEXA (Dual energy X-ray Absorptiometry)	Radiation leakage level at 1m from housing and Collimator	AERB/RF-MED/SC-3
67	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DEXA (Dual energy X-ray Absorptiometry)	Radiation Protection Survey of the installation	AERB/RF-MED/SC-3
68	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed)	Radiation Protection Survey of the Installation	AERB/RF-MED/SC-3
69	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Central Beam Alignment	AERB/RF-MED/SC-3
70	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Congruence of Radiation and Optical Field	AERB/RF-MED/SC-3
71	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Consistency of Radiation Output	AERB/RF-MED/SC-3
72	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Effective Focal Spot	AERB/RF-MED/SC-3
73	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Irradiation Time(sec)	AERB/RF-MED/SC-3
74	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Linearity of mA/mAs Loading Stations	AERB/RF-MED/SC-3

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75	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Operating Potential (kV)	AERB/RF-MED/SC-3
76	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Radiation leakage level at 1m from housing and Collimator	AERB/RF-MED/SC-3
77	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray (Fixed, Portable , Mobile)	Total Filtration	AERB/RF-MED/SC-3