National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BIOTEK SOLUTIONS PVT. LTD., 1ST FLOOR, NO 531, 3RD CROSS ROAD, 2ND BLOCK, RT NAGAR, BENGALURU, BENGALURU URBAN, KARNATAKA, 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)	CBCT Equipment	' Irradiation Time	AERB/RF-MED/SC-3
2	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-3
3	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	Consistency of Radiation output	AERB/RF-MED/SC-3
4	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	CT Dose Index (CTDIw)	AERB/RF-MED/SC-3
5	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	High Contrast Sensitivity	AERB/RF-MED/SC-3
6	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	Low Contrast Sensitivity	AERB/RF-MED/SC-3
7	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	Operating Potential	AERB/RF-MED/SC-3
8	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	Radiation Leakage level at 1M from X-Ray Tube Housing	AERB/RF-MED/SC-3
9	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	Radiation Protection Survey of Installation	AERB/RF-MED/SC-3
10	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CBCT Equipment	Total Filtration	AERB/RF-MED/SC-3
11	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Irradiation Time	AERB/RF-MED/SC-3
12	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Central Beam Alignment	AERB/RF-MED/SC-3

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13	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Congruence of Radiation and Optical Field	AERB/RF-MED/SC-3
14	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Consistency of Radiation output	AERB/RF-MED/SC-3
15	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Details of Radiation Protection Survey of the Installation	AERB/RF-MED/SC-3
16	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Effective Focal Spot Measurement (FFD=60cm)	AERB/RF-MED/SC-3
17	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Exposure Rate at Table Top	AERB/RF-MED/SC-3
18	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	High Contrast resolution	AERB/RF-MED/SC-3
19	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Linearity of mA/mAs Loading Stations	AERB/RF-MED/SC-3
20	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Low Contrast Resolutions	AERB/RF-MED/SC-3
21	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Operating Potential (kV)	AERB/RF-MED/SC-3

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22	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Radiation Leakage level at 1M from X-Ray Tube Housing and collimator	AERB/RF-MED/SC-3
23	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm/O-Arm Equipment	Total Filtration	AERB/RF-MED/SC-3
24	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Central Beam Alignment	AERB/RF-MED/SC-3
25	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Congruence of Radiation and Optical Field	AERB/RF-MED/SC-3
26	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Consistency of Radiation output	AERB/RF-MED/SC-3
27	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Effective Focal Spot Measurement (FFD=60cm)	AERB/RF-MED/SC-3
28	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	High Contrast resolution	AERB/RF-MED/SC-3
29	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Irradiation Time	AERB/RF-MED/SC-3
30	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Linearity of mA/mAs Loading Stations	AERB/RF-MED/SC-3

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31	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Low Contrast Resolutions	AERB/RF-MED/SC-3
32	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Operating Potential (kV)	AERB/RF-MED/SC-3
33	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Radiation Leakage level at 1M from X-Ray Tube Housing and collimator	AERB/RF-MED/SC-3
34	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Total Filtration	AERB/RF-MED/SC-3
35	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Exposure Rate at Table Top	AERB/RF-MED/SC-3
36	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Radiography and Fluoroscopy	Radiation Protection Survey of the Installation	AERB/RF-MED/SC-3
37	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography Equipment	Operating Potential	AERB/RF-MED/SC-3
38	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography Equipment	Time	AERB/RF-MED/SC-3
39	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography Equipment	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-3
40	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography Equipment	Performance of Imaging Phantom	AERB/RF-MED/SC-3

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41	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography Equipment	Radiation Leakage Level at 5cm from External surface of X-Ray Tube Housing	AERB/RF-MED/SC-3
42	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography Equipment	Radiation Protection Survey of the Installation	AERB/RF-MED/SC-3
43	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography Equipment	Reproducibility of Radiation Output	AERB/RF-MED/SC-3
44	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography Equipment	Total Filtration	AERB/RF-MED/SC-3
45	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	Irradiation Time	AERB/RF-MED/SC-3
46	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	Operating Potential	AERB/RF-MED/SC-3
47	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	Consistency of Radiation output	AERB/RF-MED/SC-3
48	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	CT Dose Index (CTDIw)	AERB/RF-MED/SC-3
49	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	High Contrast Sensitivity	AERB/RF-MED/SC-3
50	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-3
51	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	Low Contrast Sensitivity	AERB/RF-MED/SC-3

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52	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	Radiation Leakage level at 1M from X-Ray Tube Housing	AERB/RF-MED/SC-3
53	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	Radiation Protection Survey of Installation	AERB/RF-MED/SC-3
54	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental X-Ray/ OPG	Total Filtration	AERB/RF-MED/SC-3
55	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Irradiation Time	AERB/RF-MED/SC-3
56	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Operating Potential (kV)	AERB/RF-MED/SC-3
57	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Central Beam Alignment	AERB/RF-MED/SC-3
58	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Congruence of Radiation and Optical Field	AERB/RF-MED/SC-3
59	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Consistency of Radiation output	AERB/RF-MED/SC-3
60	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Effective Focal spot	AERB/RF-MED/SC-3
61	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-3
62	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Radiation Leakage level at 1M from X-Ray tube housing and Collimator	AERB/RF-MED/SC-3

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63	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Radiation Protection Survey of the Installation	AERB/RF-MED/SC-3
64	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography (X-Ray Fixed, Portable, Mobile, BMD) Equipment	Total Filtration	AERB/RF-MED/SC-3