National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TRANSCAAL ENGINEERS INDIA PRIVATE LIMITED, #116, 3RD FLOOR, 11TH CROSS, MARGOSA ROAD (3RD MAIN), MALLESWARAM, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 04/01/2023 to 03/01/2025 **Last Amended on** 18/01/2023

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	Alignment of table to gantry	AERB/RF-MED/SC-03
2	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Computed Tomography Dose Index (CTDi)	AERB/RF-MED/SC-03
3	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Gantry Tilt	AERB/RF-MED/SC-03:
4	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	High Contrast Resolution	AERB/RF-MED/SC-03
5	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT equipment	Low Contrast Resolution	AERB/RF-MED/SC-03
6	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	mA / mAs Linearity	AERB/RF-MED/SC-03
7	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Operating Potential	AERB/RF-MED/SC-03
8	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Output Consistency	AERB/RF-MED/SC-03
9	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Profile width/Slice Thickness	AERB/RF-MED/SC-03
10	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Protection Survey	AERB/RF-MED/SC-03
11	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Table Indexing Accuracy	AERB/RF-MED/SC-03
12	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Time	AERB/RF-MED/SC-03
13	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Total Filtration	AERB/RF-MED/SC-03

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14	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Tube Housing Leakage	AERB/RF-MED/SC-03
15	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	CTDi(CTDi W) Head	AERB/RF-MED/SC-03
16	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	High Contrast Sensitivity	AERB/RF-MED/SC-03
17	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	Low contrast Sensitivity	AERB/RF-MED/SC-03
18	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	mA / mAs Linearity	AERB/RF-MED/SC-03
19	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	Operating Potential	AERB/RF-MED/SC-03
20	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	Radiation Output Consistency	AERB/RF-MED/SC-03
21	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	Radiation Protection Survey	AERB/RF-MED/SC-03
22	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	Timer	AERB/RF-MED/SC-03
23	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	Total Filtration	AERB/RF-MED/SC-03
24	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	Dental / Extremity Cone Beam CT	Tube housing leakage	AERB/RF-MED/SC-03
25	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM & O-ARM	Exposure Rate at Table Top	AERB/RF-MED/SC-03

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26	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM & O-ARM	High Contrast Sensitivity	AERB/RF-MED/SC-03
27	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM & O-ARM	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-03
28	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM & O-ARM	Low contrast Sensitivity	AERB/RF-MED/SC-03
29	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM & O-ARM	Operating Potential	AERB/RF-MED/SC-03
30	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM & O-ARM	Radiation Output Consistency	AERB/RF-MED/SC-03
31	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM & O-ARM	Total Filtration	AERB/RF-MED/SC-03
32	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-ARM & O-ARM	Tube Housing Leakage	AERB/RF-MED/SC-03
33	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Exposure Rate at Table Top	AERB/RF-MED/SC-03
34	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	High Contrast Sensitivity	AERB/RF-MED/SC-03

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35	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Irradiation Time	AERB/RF-MED/SC-03
36	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Linearity of mA/mAs loading	AERB/RF-MED/SC-03
37	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Low contrast Sensitivity	AERB/RF-MED/SC-03
38	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Operating Potential	AERB/RF-MED/SC-03
39	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Radiation Output Consistency	AERB/RF-MED/SC-03
40	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Radiation Protection Survey	AERB/RF-MED/SC-03
41	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Total Filtration	AERB/RF-MED/SC-03
42	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cath lab	Tube Housing Leakage	AERB/RF-MED/SC-03
43	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Central Beam Alignment	AERB/RF-MED/SC-03

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44	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Congruence of radiation and optical field	AERB/RF-MED/SC-03
45	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Effective focal spot	AERB/RF-MED/SC-03
46	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	High Contrast Sensitivity	AERB/RF-MED/SC-03
47	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Irradiation Time	AERB/RF-MED/SC-03
48	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-03
49	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Low contrast Sensitivity	AERB/RF-MED/SC-03
50	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Operating Potential	AERB/RF-MED/SC-03
51	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Radiation Output Consistency	AERB/RF-MED/SC-03
52	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Radiation Protection Survey	AERB/RF-MED/SC-03

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53	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Total Filtration	AERB/RF-MED/SC-03
54	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	X-ray & Fluoroscopy Equipment	Tube housing leakage	AERB/RF-MED/SC-03
55	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Irradiation Time	AERB/RF-MED/SC-03
56	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-03
57	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Operating Potential	AERB/RF-MED/SC-03
58	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Performance of Imaging Phantom	AERB/RF-MED/SC-03
59	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Radiation Output Consistency	AERB/RF-MED/SC-03
60	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Radiation Protection Survey	AERB/RF-MED/SC-03
61	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Total Filtration	AERB/RF-MED/SC-03
62	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Tube Housing Leakage	AERB/RF-MED/SC-03
63	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG & Intra Oral)	Radiation Protection Survey	AERB/RF-MED/SC-03
64	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG & Intra oral)	Tube Housing Leakage	AERB/RF-MED/SC-03

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65	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG and Intra oral)	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-03
66	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG and Intra oral)	Operating Potential	AERB/RF-MED/SC-03
67	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG and Intra oral)	Radiation Output Consistency	AERB/RF-MED/SC-03
68	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG and Intra oral)	Timer	AERB/RF-MED/SC-03
69	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Dental (OPG and Intra oral)	Total Filtration	AERB/RF-MED/SC-03
70	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	DEXA	Radiation Protection Survey	AERB/RF-MED/SC-03
71	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile & BMD)	Exposure Rate at Table Top	AERB/RF-MED/SC-03
72	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile & BMD)	Irradiation Time	AERB/RF-MED/SC-03
73	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile & BMD)	Linearity of mA/mAs loading stations	AERB/RF-MED/SC-03
74	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile & BMD)	Operating Potential	AERB/RF-MED/SC-03
75	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile & BMD)	Radiation Output Consistency	AERB/RF-MED/SC-03

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76	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile & BMD)	Radiation Protection Survey	AERB/RF-MED/SC-03
77	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile & BMD)	Total Filtration	AERB/RF-MED/SC-03
78	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile & BMD)	Tube Housing Leakage	AERB/RF-MED/SC-03
79	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile)	Central Beam Alignment	AERB/RF-MED/SC-03
80	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-03
81	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-ray - (Fixed, Portable, Mobile)	Effective focal spot measurement	AERB/RF-MED/SC-03