National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ADVANCED QA SERVICES, 70- B, DR. AMBEDKAR ROAD, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9454 **Page No** 1 of 3

Validity 24/04/2021 to 23/04/2023 **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 SCANNER	Accuracy of Operating Potential (kV)	AERB QA TEST PROTOCOL
2	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	Accuracy of Timer	AERB QA TEST PROTOCOL
3	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	Area Survey	AERB QA TEST PROTOCOL
4	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	High contrast resolution	AERB QA TEST PROTOCOL
5	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	Low contrast resolution	AERB QA TEST PROTOCOL
6	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	mA/mAs Linearity (CoL)	AERB QA TEST PROTOCOL
7	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	Radiation dose test CTDI	AERB QA TEST PROTOCOL
8	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	Radiation Leakage level from X-Ray tube housing	AERB QA TEST PROTOCOL
9	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	Reproducibility of output (CoV)	AERB QA TEST PROTOCOL
10	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	Slice thickness (mm)	AERB QA TEST PROTOCOL
11	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT SCANNER	Total Filtration	AERB QA TEST PROTOCOL
12	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Accuracy of Operating Potential (kV)	AERB QA TEST PROTOCOL

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13	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Linearity of mA/mAs loading Stations	AERB QA TEST PROTOCOL
14	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Accuracy of Irradiation Time(sec.)	AERB QA TEST PROTOCOL
15	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Area Survey	AERB QA TEST PROTOCOL
16	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	High contrast resolution	AERB QA TEST PROTOCOL
17	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Low contrast resolution	AERB QA TEST PROTOCOL
18	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Radiation leakage level at 1m from tube housing and Collimator	AERB QA TEST PROTOCOL
19	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Reproducibility of radiation output	AERB QA TEST PROTOCOL
20	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Tabletop Dose Rate	AERB QA TEST PROTOCOL
21	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	C-Arm Unit and O-Arm Unit	Total filtration	AERB QA TEST PROTOCOL

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22	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Accuracy of Irradiation Time(Sec)	AERB QA TEST PROTOCOL
23	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Accuracy of Operating Potential(kV)	AERB QA TEST PROTOCOL
24	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Area Survey	AERB QA TEST PROTOCOL
25	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Central Beam Alignment	AERB QA TEST PROTOCOL
26	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray Unit, Dental X-Ray unit	Congruence of Optical and radiation Field	AERB QA TEST PROTOCOL
27	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Effective focal spot measurement	AERB QA TEST PROTOCOL
28	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Linearity of mA/mAs loading Stations	AERB QA TEST PROTOCOL
29	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Radiation leakage level at 1 m from tube housing and Collimator	AERB QA TEST PROTOCOL
30	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Reproducibility of radiation output	AERB QA TEST PROTOCOL
31	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Radiography, X-Ray unit, Dental X-Ray unit	Total filtration	AERB QA TEST PROTOCOL