National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MXEQUIPMENTS, 35-A, BAGHAJATIN ROAD, P.O-NABAGRAM, HOOGHLY, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10665 **Page No** 1 of 4

Validity 03/06/2022 to 02/06/2024 **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)	CT Equipment	High contrast resolution	AERB/RF-MED/SC-03
2	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Low contrast resolution	AERB/RF-MED/SC-03
3	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	mA/mAs Linearity (CoL)	AERB/RF-MED/SC-03
4	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Operating Potential (kV)	AERB/RF-MED/SC-03
5	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Dose Test (CTDi)	AERB/RF-MED/SC-03
6	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Leakage level from X-Ray tube housing	AERB/RF-MED/SC-03
7	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Protection Survey of the installation (Member of Public:)	AERB/RF-MED/SC-03
8	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Radiation Protection Survey of the installation(Radiation Worker)	AERB/RF-MED/SC-03
9	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Reproducibility of output (CoV)	AERB/RF-MED/SC-03
10	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Slice Thickness	AERB/RF-MED/SC-03
11	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Timer	AERB/RF-MED/SC-03
12	DIAGNOSTIC RADIOLOGY QA TESTING- COMPUTED TOMOGRAPHY (CT)	CT Equipment	Total Filtration	AERB/RF-MED/SC-03
13	DIAGNOSTIC RADIOLOGY QA TESTING- INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Consistency of Radiation Output	AERB/RF-MED/SC-03

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14	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Exposure Rate at Table Top	AERB/RF-MED/SC-03
15	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	High Contrast Sensitivity	AERB/RF-MED/SC-03
16	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Irradiation Time	AERB/RF-MED/SC-03
17	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Low Contrast Sensitivity	AERB/RF-MED/SC-03
18	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	mA/mAs Linearity	AERB/RF-MED/SC-03
19	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Operating Potential	AERB/RF-MED/SC-03
20	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Radiation leakage level at 1m from tube housing	AERB/RF-MED/SC-03
21	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Radiation leakage level at 1m from collimator	AERB/RF-MED/SC-03
22	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Radiation Protection Survey of the installation (Member of Public)	AERB/RF-MED/SC-03

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23	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Radiation Protection Survey of the installation (Radiation Worker)	AERB/RF-MED/SC-03
24	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Interventional Radiology and Fluoroscopy Equipment	Total Filtration	AERB/RF-MED/SC-03
25	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Central Beam Alignment	AERB/RF-MED/SC-03
26	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Congruence of radiation and optical field at 100 cm FFD	AERB/RF-MED/SC-03
27	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Consistency of radiation output at 100 cm FFD	AERB/RF-MED/SC-03
28	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Effective focal spot measurement FFD= 60 cm	AERB/RF-MED/SC-03
29	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Irradiation Time	AERB/RF-MED/SC-03
30	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	mA/mAs loading Stations	AERB/RF-MED/SC-03
31	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Operating Potential	AERB/RF-MED/SC-03
32	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Radiation leakage level at 1m from collimator	AERB/RF-MED/SC-03

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33	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Radiation leakage level at 1m from tube housing	AERB/RF-MED/SC-03
34	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Radiation Protection Survey of the installation (Member of Public)	AERB/RF-MED/SC-03
35	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Radiation Protection Survey of the installation (Radiation Worker)	AERB/RF-MED/SC-03
36	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	Diagnostic X-Ray Equipment	Total filtration	AERB/RF-MED/SC-03