National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HITECH RADIATION SERVICES, FF-124, SARAL PARIVESH, IOC ROAD, CHANDKHEDA, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11701 **Page No** 1 of 3

Validity 26/05/2023 to 25/05/2025 **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-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Central Beam Alignment	AERB/RF-MED/SC-3
2	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Congruence of Radiation and Optical Field	AERB/RF-MED/SC-3
3	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Effective Focal Spot Measurement	AERB/RF-MED/SC-3
4	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Exposure Rate at Table Top	AERB/RF-MED/SC-3
5	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	High Contrast Resolution	AERB/RF-MED/SC-3
6	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Linearity of mA/mAs Loading Station	AERB/RF-MED/SC-3
7	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Low Contrast Resolution	AERB/RF-MED/SC-3
8	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Operating Potential (kVp)	AERB/RF-MED/SC-3

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9	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Radiation Leakage level from X-Ray tube housing and collimator	AERB/RF-MED/SC-3
10	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Radiation Operation Survey	AERB/RF-MED/SC-3
11	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Reproducibility of output (CoV)	AERB/RF-MED/SC-3
12	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Time(s)	AERB/RF-MED/SC-3
13	DIAGNOSTIC RADIOLOGY QA TESTING-INTERVENTIONAL RADIOLOGY & FLUOROSCOPY	Cathlab Machine	Total Filtration	AERB/RF-MED/SC-3
14	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	mA / mAs Linearity	AERB/RF-MED/SC-3
15	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Operating Potential (kV)	AERB/RF-MED/SC-3
16	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Performance of Imaging Phantom	AERB/RF-MED/SC-3
17	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Radiation Leakage level from X-Ray tube housing	AERB/RF-MED/SC-3
18	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Radiation Leakage survey	AERB/RF-MED/SC-3
19	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Reproducibility of output (CoV)	AERB/RF-MED/SC-3

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20	DIAGNOSTIC RADIOLOGY QA TESTING-MAMMOGRAPHY	Mammography	Total Filtration or HVL	AERB/RF-MED/SC-3
21	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	mA / mAs Linearity	AERB/RF-MED/SC-3
22	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Central beam alignment	AERB/RF-MED/SC-3
23	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Congruence of Radiation & Optical Field	AERB/RF-MED/SC-3
24	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Effective Focal Spot	AERB/RF-MED/SC-3
25	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Operating Potential(kV)	AERB/RF-MED/SC-3
26	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Radiation Leakage level from X-Ray tube housing and collimator	AERB/RF-MED/SC-3
27	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Radiation Leakage Survey	AERB/RF-MED/SC-3
28	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Reproducibility of output (CoV)	AERB/RF-MED/SC-3
29	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Time (s)	AERB/RF-MED/SC-3
30	DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE)	X-Ray Machine	Total Filtration	AERB/RF-MED/SC-3