# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** IATOME ELECTRIC INDIA PRIVATE LIMITED, SF NO 61/1B, 61/2 ADHAVAN INDUSTRIAL ESTATE, ATTIPALAYAM RD, RAMAKRISHNAPURAM, CHINNAVEDAMPATTI, COIMBATORE, TAMIL NADU, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-11367 **Page No** 1 of 2

**Validity** 10/02/2023 to 09/02/2025 **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 |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | Consistency of Radiation Output (CoV) | AERB/RF-MED/SC-03 |
| 2 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | High Contrast Sensitivity | AERB/RF-MED/SC-03 |
| 3 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | Irradiation Time | AERB/RF-MED/SC-03 |
| 4 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | Low Contrast Sensitivity | AERB/RF-MED/SC-03 |
| 5 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | mA/mAs Linearity | AERB/RF-MED/SC-03 |
| 6 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | Operating Potential (kV) | AERB/RF-MED/SC-03 |
| 7 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | Radiation leakage level from X-ray tube housing | AERB/RF-MED/SC-03 |
| 8 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | Radiation Protection Survey | AERB/RF-MED/SC-03 |
| 9 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | Timer linearity (Coefficient of Linearity) | AERB/RF-MED/SC-03 |
| 10 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | Dental (OPG, Intra Oral and Hand-held) | Total filtration | AERB/RF-MED/SC-03 |

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|---|---|---|---|---|
| 11 | 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 |
| 12 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X ray - Fixed,Portable,Mobile | Consistency of radiation output (CoV) | AERB/RF-MED/SC-03 |
| 13 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X Ray - Fixed,Portable,Mobile | Irradiation Time(s) | AERB/RF-MED/SC-03 |
| 14 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X Ray - Fixed,Portable,Mobile | Operating Potential(kV) | AERB/RF-MED/SC-03 |
| 15 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X Ray -Fixed,Portable,Mobile | Central beam alignment | AERB/RF-MED/SC-03 |
| 16 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X ray -Fixed,Portable,Mobile | Effective focal spot | AERB/RF-MED/SC-03 |
| 17 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X ray- Fixed,Portable,Mobile | Total Filtration | AERB/RF-MED/SC-03 |
| 18 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X ray- Fixed, Portable, Mobile | Radiation Protection Survey | AERB/RF-MED/SC-03 |
| 19 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X ray- Fixed,Portable,Mobile | Linearity of mA/mAs loading stations | AERB/RF-MED/SC-03 |
| 20 | DIAGNOSTIC RADIOLOGY QA TESTING-RADIOGRAPHY (X-RAY - FIXED PORTABLE, MOBILE) | X ray- Fixed,Portable,Mobile | Radiation leakage level at 1m from tube housing | AERB/RF-MED/SC-03 |