# Schedule

**Issue date: 24 July 2025**
**Valid Until: -**

**NO: SAMM 981**
(Issue 2, 24 July 2025 replacement
of SAMM 981 dated 24 July 2025)



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|---|---|
| **LABORATORY LOCATION/ CENTRAL OFFICE:** | Reltech Lab Sdn. Bhd.<br>No. 12, Kompleks Premis Usahawan SME, Jalan 6C/13B, Seksyen 16 43650 Bandar Baru Bangi Selangor , 43650,<br>SELANGOR<br>MALAYSIA |
| **ACCREDITED SINCE :** | 24 JULY 2025 |
| **FIELD(S) OF CALIBRATION:** | RADIATION |

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

*** The uncertainty covered by the CMC is expressed as the expanded uncertainty corresponding to a coverage probability of approximately 95 % and have a coverage factor of k=2 unless stated otherwise.**

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|---|---|
| **CENTRAL LOCATION** | Reltech Lab Sdn. Bhd.<br>No. 12, Kompleks Premis Usahawan SME, Jalan 6C/13B, Seksyen 16 43650 Bandar Baru Bangi Selangor , 43650,<br>Selangor |
| **FIELD(S) OF CALIBRATION :** | RADIATION, |

**SCOPE OF CALIBRATION : RADIATION**

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| **Instrument Calibrated/Measurement Parameter** | **Range** | **Calibration and Measurement Capability Expressed as an Uncertainty (±)*** | **Remarks** |
|---|---|---|---|
| **Survey Meter**<br>Air Kerma Rate, Ka:<br>I. Gamma Ray (cs-137)<br>Ii. X-ray (40kv To 250kv)<br>Ambient Dose Equivalent Rate, H*(10):<br>I. Gamma Ray (cs-137)<br>Ii. X-ray (40kv To 250kv) | 2.33 µGy/h to 4.79 mGy/h<br>7.01 µGy/h to 15.78 mGy/h<br>2.80 µSv/h to 5.75 mSv/h<br>11.99 µSv/h to 27.14 mSv/h | 4.4% of reading<br>1.1% of reading<br>7.1% of reading<br>4.2% of reading | Calibration by ionization chamber with reference to SAFETY REPORT SERIES No. 16 Calibration of radiation protection monitoring instrument, IAEA (2000), ISO 4037-1 (1996) and ISO 4037-3 (1999) |
| **Personal Dosimeter**<br>Personal Dose Equivalent Rate, Hp(10):<br>Iii. Gamma Ray (cs-137)<br>Iv. X-ray (40kv To 250kv) | 0.5 mSv<br>0.5 mSv | 1.8% of reading<br>3.0% of reading | Calibration by ionization chamber with reference to SAFETY REPORT SERIES No. 16 Calibration of radiation protection monitoring instrument, IAEA (2000), ISO 4037-1 (1996) and ISO 4037-3 (1999) |