

Name: National Institute of Measurement and Testing Technology

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Registration No. CNAS L0893

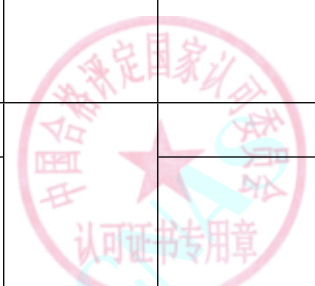
Accreditation Criteria: ISO/IEC 17025:2017 and relevant requirements of CNAS

Effective Date: 2023-01-18 Expiry Date: 2024-11-10

CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT  
SCHEDULE OF ACCREDITATION CERTIFICATE

SCHEDULE 5 ACCREDITED CALIBRATION AND MEASUREMENT CAPABILITY SCOPE

Note: The instruments with \* represents onsite calibration can be performed.

No	Instrument	Measurand	Calibration Method	Range	Expanded Uncertainty (k=2)	Note	Effective Date
I Ionizing radiation measuring instrument							
1	Thermoluminescence Dosimetry Systems Used in Personal and Environmental Monitoring for X and $\gamma$ Radiation	kerma	Thermoluminescence Dosimetry Systems Used in Personal and Environmental Monitoring for X and $\gamma$ Radiation JJG 593	(0.01 ~ 1000)mGy	$U_{rel}=6.7\%$		
2	Portable Ambient Dose Equivalent (Rate) Meters and Monitors for X and $\gamma$ Radiations	kerma rate	Verification Regulation of Portable Ambient Dose Equivalent (Rate) Meters and Monitors for X and $\gamma$ Radiations JJG 393	(10 ~ 100) $\mu$ Gy/h	$U_{rel}=5.6\%$		
				>100 $\mu$ Gy/h ~ 1Gy/h	$U_{rel}=5.0\%$		



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No	Instrument	Measurand	Calibration Method	Range	Expanded Uncertainty (k=2)	Note	Effective Date
3	Ion Chamber Dosimeters used in Radiotherapy	Kerma	Ion Chamber Dosimeters Used in Radiotherapy JJG912	(0.01~10)Gy	$U_{rel}=1.8\%$		
4	Personal Dose Equivalent Rate Warning Devices for X and $\gamma$ Radiation	kerma rate	Personal Dose Equivalent Rate Warning Devices for X and $\gamma$ Radiation JJG 962	(10 ~ 100) $\mu$ Gy/h	$U_{rel}=5.6\%$		
				>100 $\mu$ Gy/h ~ 1Gy/h	$U_{rel}=5.0\%$		
5	Personal Dose Equivalent Hp(10)Monitors for X and $\gamma$ Radiations	kerma rate	Personal Dose Equivalent Hp(10)Monitors for X and $\gamma$ Radiations JJG 1009	(10 ~ 100) $\mu$ Gy/h	$U_{rel}=5.6\%$		
				>100 $\mu$ Gy/h ~ 1Gy/h	$U_{rel}=5.0\%$		



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