



Testing Laboratory
Accreditation
Certificate

Accreditation No. RTL04590

**Chiyoda Technol Corporation,
Personal Radiation Monitoring Service Business
Headquarters
Radiation Monitoring Center**

**3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311
Japan**

meets the following criteria. On the basis of this, Japan Accreditation Board (JAB) grants accreditation to the said testing laboratory.

Applicable accreditation criteria	:	JIS Q 17025:2018 (ISO/IEC 17025:2017)
Scope of accreditation	:	Ionizing Radiation monitoring (As described in the appendix)
Premises covered by accreditation	:	As described in the appendix.
Expiry date of accreditation	:	March 31, 2027

Revised	March 29, 2023
Renewed	April 1, 2023
Initial accreditation	March 19, 2019

Y. Iizuka, President

Japan Accreditation Board



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Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
Address	3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311 Japan

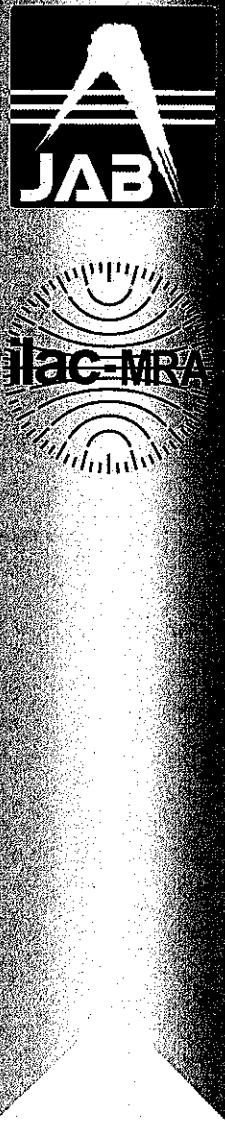
1) Premises on which testing activities are performed

Name of Premises	Radiation Monitoring Center, Customer Service Section	
Address of Premises	Postal code	311-1311
	Address	3522 Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki
Testing service at permanent facilities or on site testing service	<input checked="" type="checkbox"/> Testing service at permanent facilities <input type="checkbox"/> On site testing service	

Scope of Accreditation

FIELD	M33 Ionizing Radiation monitoring
CODE AND NAME OF CLASSIFICATION (1)	M33.1 Personal dose measurement
CODE AND NAME OF CLASSIFICATION (2)	M33.1.1 Whole body dosimeter

TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
FX	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 80 keV	0.1 mSv to 2 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 80 keV	0.1 mSv to 2 Sv
FS	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
FV	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
FJ	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv



Accreditation No.

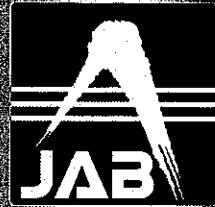
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Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
Address	3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311 Japan

TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
FR	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
FT	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
FK	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
FN	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
FL	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
NS	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv



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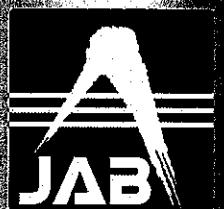
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Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
Address	3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311 Japan

TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
NR	M33.1.1.3 Neutron	M33.1.1.3.1 $H_p(10)$	0.025 eV to 15 MeV	0.1 mSv to 60 mSv
	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
NT	M33.1.1.3 Neutron	M33.1.1.3.1 $H_p(10)$	0.025 eV to 15 MeV	0.1 mSv to 60 mSv
	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
NK	M33.1.1.3 Neutron	M33.1.1.3.1 $H_p(10)$	0.025 eV to 15 MeV	0.1 mSv to 60 mSv
	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
NN	M33.1.1.3 Neutron	M33.1.1.3.1 $H_p(10)$	0.025 eV to 15 MeV	0.1 mSv to 60 mSv
	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	80 keV to 6.4 MeV	0.1 mSv to 10 Sv
FD				



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Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
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Scope of Accreditation

FIELD	M33 Ionizing Radiation monitoring
CODE AND NAME OF CLASSIFICATION(1)	M33.1 Personal dose measurement
CODE AND NAME OF CLASSIFICATION (2)	M33.1.2 Extremity dosimeter

TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
FW	M33.1.2.1 Photon radiation	M33.1.2.1.1 $H_p(0.07)$	24 keV to 1.25 MeV	0.1 mSv to 10 Sv
	M33.1.2.2 Beta radiation	M33.1.2.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
FU	M33.1.2.1 Photon radiation	M33.1.2.1.1 $H_p(0.07)$	24 keV to 1.25 MeV	0.1 mSv to 10 Sv
	M33.1.2.2 Beta radiation	M33.1.2.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
JQ	M33.1.2.1 Photon radiation	M33.1.2.1.1 $H_p(0.07)$	16 keV to 1.25 MeV	0.1 mSv to 1 Sv
JR	M33.1.2.1 Photon radiation	M33.1.2.1.1 $H_p(0.07)$	16 keV to 1.25 MeV	0.1 mSv to 1 Sv
JS	M33.1.2.2 Beta radiation	M33.1.2.2.1 $H_p(0.07)$	0.8 MeV	0.2 mSv to 1 Sv
JT	M33.1.2.2 Beta radiation	M33.1.2.2.1 $H_p(0.07)$	0.8 MeV	0.2 mSv to 1 Sv
TS	M33.1.2.1 Photon radiation	M33.1.2.1.1 $H_p(0.07)$	16 keV to 1.25 MeV	0.2 mSv to 2 Sv
	M33.1.2.2 Beta radiation	M33.1.2.2.1 $H_p(0.07)$	0.8 MeV	0.2 mSv to 2 Sv
TH	M33.1.2.1 Photon radiation	M33.1.2.1.1 $H_p(0.07)$	83 keV to 1.25 MeV	0.2 mSv to 2 Sv
	M33.1.2.2 Beta radiation	M33.1.2.2.1 $H_p(0.07)$	0.8 MeV	0.2 mSv to 2 Sv

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Scope of Accreditation

FIELD	M33 Ionizing Radiation monitoring
CODE AND NAME OF CLASSIFICATION (1)	M33.1 Personal dose measurement
CODE AND NAME OF CLASSIFICATION (2)	M33.1.3 Eye lens dosimeter

TYPE OF DOSEMETR	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
LA	M33.1.3.1 Photon radiation	M33.1.3.1.1 $H_p(3)$	24 keV to 1.25 MeV	0.1 mSv to 1 Sv
	M33.1.3.2 Beta radiation	M33.1.3.2.1 $H_p(3)$	0.8 MeV	0.1 mSv to 1 Sv
LH	M33.1.3.1 Photon radiation	M33.1.3.1.1 $H_p(3)$	24 keV to 1.25 MeV	0.1 mSv to 1 Sv
	M33.1.3.2 Beta radiation	M33.1.3.2.1 $H_p(3)$	0.8 MeV	0.1 mSv to 1 Sv
SS	M33.1.3.1 Photon radiation	M33.1.3.1.1 $H_p(3)$	24 keV to 1.25 MeV	0.1 mSv to 10 Sv
	M33.1.3.2 Beta radiation	M33.1.3.2.1 $H_p(3)$	0.8 MeV	0.1 mSv to 10 Sv

Scope of Accreditation

FIELD	M33 Ionizing Radiation monitoring
CODE AND NAME OF CLASSIFICATION (1)	M33.2 Personal dose assessment

CODE AND NAME OF CLASSIFICATION (2)	CODE AND NAME OF CLASSIFICATION (3)	TYPE OF IONIZED RADIATION	REMARKS
M33.2.1 Uniform exposure to the body trunk	M33.2.1.1 Effective dose	Photon radiation, Neutron	
	M33.2.1.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.1.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.1.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	

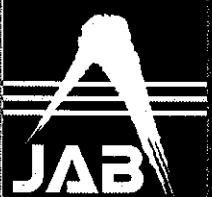


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Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
Address	3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311 Japan

CODE AND NAME OF CLASSIFICATION (2)	CODE AND NAME OF CLASSIFICATION (3)	TYPE OF IONIZED RADIATION	REMARKS
M33.2.2 Non-uniform exposure to the body trunk	M33.2.2.1 Effective dose	Photon radiation, Neutron	
	M33.2.2.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.2.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.2.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.3 Uniform exposure to the body trunk and extremity exposure	M33.2.3.1 Effective dose	Photon radiation, Neutron	
	M33.2.3.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.3.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.3.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.4 Non-uniform exposure to the body trunk and extremity exposure	M33.2.4.1 Effective dose	Photon radiation, Neutron	
	M33.2.4.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.4.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.4.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.5 Uniform exposure to the body trunk and eye lens exposure	M33.2.5.1 Effective dose	Photon radiation, Neutron	
	M33.2.5.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.5.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.5.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	

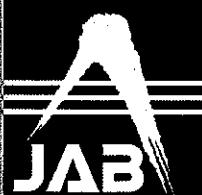


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Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
Address	3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311 Japan

CODE AND NAME OF CLASSIFICATION (2)	CODE AND NAME OF CLASSIFICATION (3)	TYPE OF IONIZED RADIATION	REMARKS
M33.2.6 Non-uniform exposure to the body trunk and eye lens exposure	M33.2.6.1 Effective dose	Photon radiation, Neutron	
	M33.2.6.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.6.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.6.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.7 Uniform exposure to the body trunk and extremity exposure and eye lens exposure	M33.2.7.1 Effective dose	Photon radiation, Neutron	
	M33.2.7.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.7.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.7.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.8 Non-uniform exposure to the body trunk and extremity exposure and eye lens exposure	M33.2.8.1 Effective dose	Photon radiation, Neutron	
	M33.2.8.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.8.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.8.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	



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Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol-Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
Address	3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311 Japan

1) Premises on which testing activities are performed

Name of Premises	Radiation Monitoring Center Aomori	
Address of Premises	Postal code	039-3212
	Address	1-86, Iyasakadaira, Obuchi, Rokkasyo, Aomori
Testing service at permanent facilities or on site testing service	<input checked="" type="checkbox"/> Testing service at permanent facilities <input type="checkbox"/> On site testing service	

Scope of Accreditation

FIELD	M33 Ionizing Radiation monitoring
CODE AND NAME OF CLASSIFICATION (1)	M33.1 Personal dose measurement
CODE AND NAME OF CLASSIFICATION (2)	M33.1.1 Whole body dosimeter

TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
FJ	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
FR	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
FN	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv

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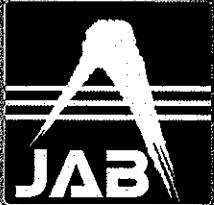
Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
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TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
FL	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
NS	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
	M33.1.1.3 Neutron	M33.1.1.3.1 $H_p(10)$	0.025 eV to 15 MeV	0.1 mSv to 60 mSv
NR	M33.1.1.1 Photon radiation	M33.1.1.1.1 $H_p(10)$	16 keV to 6.4 MeV	0.1 mSv to 10 Sv
		M33.1.1.1.2 $H_p(0.07)$	12 keV to 6.4 MeV	0.1 mSv to 10 Sv
	M33.1.1.2 Beta radiation	M33.1.1.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv
	M33.1.1.3 Neutron	M33.1.1.3.1 $H_p(10)$	0.025 eV to 15 MeV	0.1 mSv to 60 mSv

Scope of Accreditation

FIELD	M33 Ionizing Radiation monitoring
CODE AND NAME OF CLASSIFICATION (1)	M33.1 Personal dose measurement
CODE AND NAME OF CLASSIFICATION (2)	M33.1.2 Extremity dosimeter

TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
FW	M33.1.2.1 Photon radiation	M33.1.2.1.1 $H_p(0.07)$	24 keV to 1.25 MeV	0.1 mSv to 10 Sv
	M33.1.2.2 Beta radiation	M33.1.2.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv



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Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center		
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TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
FU	M33.1.2.1 Photon radiation	M33.1.2.1.1 $H_p(0.07)$	24 keV to 1.25 MeV	0.1 mSv to 10 Sv
	M33.1.2.2 Beta radiation	M33.1.2.2.1 $H_p(0.07)$	0.2 MeV to 0.8 MeV	0.1 mSv to 10 Sv

Scope of Accreditation

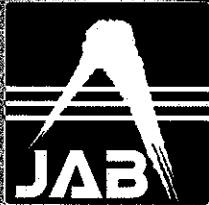
FIELD	M33 Ionizing Radiation monitoring		
CODE AND NAME OF CLASSIFICATION (1)	M33.1 Personal dose measurement		
CODE AND NAME OF CLASSIFICATION (2)	M33.1.3 Eye lens dosimeter		

TYPE OF DOSEMETER	CODE AND NAME OF CLASSIFICATION (3)	CODE AND NAME OF CLASSIFICATION (4)	ENERGY RANGE OF IONIZED RADIATION	RANGE OF DOSE
SS	M33.1.3.1 Photon radiation	M33.1.3.1.1 $H_p(3)$	24 keV to 1.25 MeV	0.1 mSv to 10 Sv
	M33.1.3.2 Beta radiation	M33.1.3.2.1 $H_p(3)$	0.8 MeV	0.1 mSv to 10 Sv

Scope of Accreditation

FIELD	M33 Ionizing Radiation monitoring		
CODE AND NAME OF CLASSIFICATION (1)	M33.2 Personal dose assessment		

CODE AND NAME OF CLASSIFICATION (2)	CODE AND NAME OF CLASSIFICATION (3)	TYPE OF IONIZED RADIATION	REMARKS
M33.2.1 Uniform exposure to the body trunk	M33.2.1.1 Effective dose	Photon radiation, Neutron	
	M33.2.1.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.1.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.1.4 Equivalent dose	Photon radiation,	



Accreditation No.

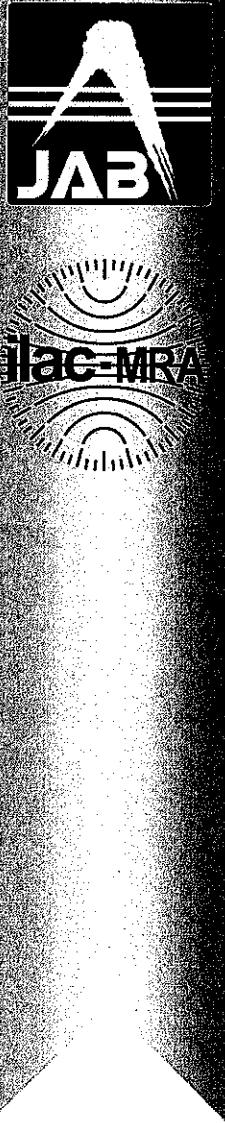
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Accreditation Certificate Appendix

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Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
Address	3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311 Japan

CODE AND NAME OF CLASSIFICATION (2)	CODE AND NAME OF CLASSIFICATION (3)	TYPE OF IONIZED RADIATION	REMARKS
M33.2.2 Non-uniform exposure to the body trunk	(Female abdomen)	Neutron	
	M33.2.2.1 Effective dose	Photon radiation, Neutron	
	M33.2.2.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.2.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.2.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.3 Uniform exposure to the body trunk and extremity exposure	M33.2.3.1 Effective dose	Photon radiation, Neutron	
	M33.2.3.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.3.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.3.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.4 Non-uniform exposure to the body trunk and extremity exposure	M33.2.4.1 Effective dose	Photon radiation, Neutron	
	M33.2.4.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.4.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.4.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.5 Uniform exposure to the body trunk and eye lens exposure	M33.2.5.1 Effective dose	Photon radiation, Neutron	
	M33.2.5.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.5.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.5.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	



Accreditation No.

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Accreditation Certificate Appendix

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Type of Laboratory	Testing Laboratory
Name of Laboratory	Chiyoda Technol Corporation, Personal Radiation Monitoring Service Business Headquarters Radiation Monitoring Center
Address	3522, Onuki-cho, Oarai, Higashi-Ibaraki, Ibaraki, 311-1311 Japan

CODE AND NAME OF CLASSIFICATION (2)	CODE AND NAME OF CLASSIFICATION (3)	TYPE OF IONIZED RADIATION	REMARKS
M33.2.6 Non-uniform exposure to the body trunk and eye lens exposure	M33.2.6.1 Effective dose	Photon radiation, Neutron	
	M33.2.6.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.6.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.6.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.7 Uniform exposure to the body trunk and extremity exposure and eye lens exposure	M33.2.7.1 Effective dose	Photon radiation, Neutron	
	M33.2.7.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.7.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.7.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	
M33.2.8 Non-uniform exposure to the body trunk and extremity exposure and eye lens exposure	M33.2.8.1 Effective dose	Photon radiation, Neutron	
	M33.2.8.2 Equivalent dose (Skin)	Photon radiation, Beta radiation, Neutron	
	M33.2.8.3 Equivalent dose (Lens of the eye)	Photon radiation, Beta radiation, Neutron	
	M33.2.8.4 Equivalent dose (Female abdomen)	Photon radiation, Neutron	

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