TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

RADKOR EĞİTİM-ÖĞRETİM SAĞLIK ÜRÜNLERİ ENERJİ ELEKTRİK ELEKTRONİK VE BİLİŞİM TEKNOLOJİLERİ LTD.ŞTİ.

Central Address: BAHÇELİEVLER MAH. 323/1 CAD. NO:10 /49/Z07- GÖLBAŞI Ankara / Türkiye

**The list of the branches operating under the same accreditation depending on the central address and the scope of these branches are given in the annexes.*

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-0591-T

Accreditation Date : 31.08.2012

Revision Date / Number : 11.03.2024 / 11

This certificate shall remain in force until **13.07.2028**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

Test
TS EN ISO/IEC 17025
AB-0591-T

RADKOR EĞİTİM-ÖĞRETİM SAĞLIK ÜRÜNLERİ ENERJİ ELEKTRİK ELEKTRONİK VE BİLİŞİM TEKNOLOJİLERİ LTD.ŞTİ.

Accreditation Nr: AB-0591-T
Revision Nr: 11 Date: 11.03.2024

Testing Laboratory

Address :
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Nuclear Energy Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
BeO OSL Dosimeter (Re- readable) BeO OSL Reader	Measurement of whole body personel dose equivalent (Hp(10)) and skin personel equivalent dose (Hp(0.07)) using OSL dosimeter For Hp(10); Photon energy range: 16 keV-6.7 MeV Dose range: 0.05 mSv-10.0 Sv For Hp(0.07); Photon energy range: 16 keV-6.7 MeV Dose range: 0.05 mSv-10.0 Sv Average beta energy: ≈0.8 MeV (Eβmax=2.28 MeV) Dose range for photon which produced in Radiotheraphy (6-18 MV) 0.05 mSv-10.0Sv Second reading and verification for Hp(10) and Hp(0.07) (≤ ±%5)	In-house method- RLTML.0000 (TS EN 62387)
BeO OSL Extremity Dosimeter (Ring/ Wrist/ Eye Lens) Extdose OSL Reader-Eraser	Measurement of skin personel equivalent dose Hp(0.07); Dose range:0.05 mSv-10.0 Sv Photon energy range:16 keV-6.7 MeV Average beta energy:≈0.8 MeV (Eβmax=2.28 MeV) Second reading and verification for Hp(0.07) (≤ ±%5) ≥1.0 mSv Measurement of eye lens personel equivalent dose Hp(3); Dose range:0.05 mSv-10.0 Sv Photon energy range:16 keV-1.25 MeV Average Beta energy:≈0.8 MeV (Eβmax=2.28 MeV) Second reading and verification for Hp(3) (≤ ±%5) ≥1.0 mSv	In-house Method- RLTLM.023 (TS EN 62387) (Ring-Wrist- Eye Lens Dosimeter)
WBDOSE OSL Dosimeter (Re-readable) WBDOSE OSL Reader/Eraser	Measurement of whole body personel dose equivalent (Hp(10)) and skin personel equivalent dose (Hp(0.07)) using OSL dosimeter For Hp(10); Photon energy range: 16 keV-6.7 MeV Dose range: 0.05 mSv-10.0 Sv For Hp(0.07); Photon energy range: 16 keV-6.7 MeV Dose range: 0.05 mSv-10.0 Sv Average Beta energy: ≈0.8 MeV (Eβmax=2.28 MeV) Dose range for photon which produced in Radiotheraphy (6MV-18 MV): 0.05 mSv-10.0Sv Second reading and verification for Hp(10) and Hp(0.07) (≤ ±%5) ≥1.0 mSv	In-house method- RLTML.0000 (TS EN 62387)
WBDOSE OSL Dosimeter (Re-readable) (WBDOSE OSL Reader/Eraser)	Measurement of ambient equivalent dose H*(10) using OSL dosimeter For H*(10); Photon energy range: 33 keV-1.25 MeV Dose range: 0.1mSv-10.0 Sv	In-house Method - RLTLM.000 (TS EN 62387)

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RNDOSE Neutron Dosimeter RNDOSE Neutron Dosimetry System	Personal dose equivalent for whole body by Neutron Dosimeter Hp(10) For Hp(10); Neutron Energy Range: 0.025eV-10.0 eV (Slow Neutron) Dose Range: 0.1mSv-2.mSv Neutron Energy Range: 10eV-14 MeV (Intermediate to Fast Neutron) Dose Range: 0.1mSv-20.mSv	Internal Method - RLTLM.027 (ISO 21909)
RNDOSE Radon Dosimeter RNDOSE Radon Dosimetry System	Radon Concentration Determination (100-1000kBq*h/m^3)	Internal Method - RLTLM.031 ISO 11665-4:2021

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Accreditation Nr: AB-0591-T
Revision Nr: 11 Date: 11.03.2024

Testing Laboratory

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Website :

Nuclear Energy Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
In the waters Radioactivity Analysis Indicative Dose	Tritium Radioactivity Analysis Gross Alpha / Beta Radioactivity Analysis Indicative Dose	TS EN ISO 9698 TS EN ISO 11704
In Drinking Water Radioactivity Analysis with Linear Gas Detector (Berthold LB790) System	Gross Alpha / Beta Radioactivity Analysis By Gross Alpha / Beta Counting System	EPA 900.0, *TS ISO 11929-4;2022*
Radioactivity Analysis in Water, Liquid and Solid Foods with Gamma Spectrometric Method	Cs-134, Cs-137, I-131, K-40	TS EN ISO 20042

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