



Certificate of Dosimetry Service Approval

Reference: ADS1203

By virtue of Article 24 of S.I. No. 125 of 2000 as amended by S.I. 152 of 2012

**Landauer Europe
28 Bankside, Station Approach
Kidlington
Oxford OX5 1JE
UK**

Is approved by the Environmental Protection Agency to provide dosimetry services in Ireland in pursuance of S.I. 125 of 2000.

This approval is granted subject to the condition that the services are provided within the scope of supply set out in schedule 1.

This approval is granted subject to the requirements for approval continuing to be met.

This certificate shall remain in force until the expiry date specified in this certificate or until revoked in writing by the Environmental Protection Agency.

Date of Approval: 23 June 2017

Date of Expiry: 23 June 2022

Signed:

A handwritten signature in blue ink, appearing to read 'Michael Lehane', written over a horizontal line.

Michael Lehane

Director, Office of Radiation Protection and Environmental Monitoring



Schedule 1

Dosimetry Service: Landauer Europe

Date of Approval: 23 June 2017

Updated: 17 October 2017

Dosimeter Make and Model	Technology / Type of Dosimetry	Operational Quantity	Radiation Type	Energy Range	Limitations of Use
Luxel+ Pa	OSL / Whole body	H _p (10)	Photon	5 keV – 6 MeV	
			Beta	0.8 – 2.4 MeV (E _{βmax})	
		H _p (0.07)	Photon	5 keV – 6 MeV	
			Beta	0.8 – 2.4 MeV (E _{βmax})	
Harshaw Ring – U badge	TLD / Extremity	H _p (0.07)	Photon	15 keV – 2 MeV	
			Beta	0.4 – 2.25 MeV (E _{βmax})	
Saturn Ring	TLD / Extremity	H _p (0.07)	Photon	15 keV – 2 MeV	
			Beta	0.4 – 2.25 MeV (E _{βmax})	
Luxel+ Ja	PADC / Wholebody	H _p (10)	Neutron	40 keV – 40 MeV	
		H _p (0.07)	Neutron	40 keV – 40 MeV	
Luxel+ Ta	PADC / Wholebody	H _p (10)	Neutron	Thermal – 40 MeV	
		H _p (0.07)	Neutron	40 keV – 40 MeV	
Vislon	TLD / extremity	H _p (3)	Photon	24 keV – 2 MeV	Eye lens only
			Beta	800 keV (E _{βmean}) to 2.25 MeV (E _{βmax})	