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: _____

Micheál 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

Dosemeter 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 ($E_{\beta max}$)	
		$H_p(0.07)$	Photon	5 keV – 6 MeV	
			Beta	0.8 – 2.4 MeV ($E_{\beta max}$)	
Harshaw Ring – U badge	TLD / Extremity	$H_p(0.07)$	Photon	15 keV – 2 MeV	
			Beta	0.4 – 2.25 MeV ($E_{\beta max}$)	
Saturn Ring	TLD / Extremity	$H_p(0.07)$	Photon	15 keV – 2 MeV	
			Beta	0.4 – 2.25 MeV ($E_{\beta max}$)	
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	
Vision	TLD / extremity	$H_p(3)$	Photon	24 keV – 2 MeV	Eye lens only
			Beta	800 keV ($E_{\beta mean}$) to 2.25 MeV ($E_{\beta max}$)	