

Radiation Emergency Response Programs with InLight® Systems



Reinforce your Radiation Emergency Response Program with LANDAUER OSL technology, service and support. OSL solutions facilitate comprehensive analysis of radiation exposure levels, even under the most extreme environmental conditions.

Prepare for the worst-case scenario with the best radiation monitoring technology available

In the event of a radiological accident or incident, all responders will need to be able to monitor and measure their exposure to radiation at the scene. Healthcare facilities treating casualties will also want to be aware of any secondhand exposure. LANDAUER's InLight® dosimetry products and services offer a proven solution that provides convenience, portability, onsite reading capability and data accuracy to any organization with the responsibility to act in such an event.

LANDAUER's OSL technology has become the de facto industry standard for radiation measurement, and is in use today across a broad spectrum of healthcare, energy, industry and government applications, including homeland security. It provides a common platform that allows emergency response programs to intersect and support one another.

OSL dosimetry badges feature bar code technology for dosimeter assignment to individual team members, which enables tracking of responders across multiple agencies and organizations. These badges can be read right onsite, and can also be re-read multiple times, allowing future analysis of radiation dose data to assess the overall impact of an event.

Share the benefits

LANDAUER's OSL-based emergency response solution includes personnel monitoring badges that are individually assigned and tracked, plus small, affordable field processing units for immediate on-scene readout of dose data. OSL technology is designed to perform under environmentally challenging conditions where other systems may fail, such as rain or heat, making it the ideal solution for the unpredictability of emergency response scenarios.

In addition, this radiation dosimetry solution can scale up in scope, allowing it to be shared across a large response network. LANDAUER can assist you in assembling a single central processing laboratory that can be leveraged by your entire network, enabling use by multiple entities. By adopting the OSL dosimetry platform, you can operate effectively as an independent response team, but could also seamlessly join a larger, growing regional and national network of responders, should the need arise.

microStar® Reader
Portable OSL Dosimeter Reader



nanoDot™
OSL Dosimeter for Single Point Radiation Assessment Applications



InLight® Dosimeter
OSL Dosimeter for X, Gamma, Beta and Neutron Radiation



Recommended products by program size

Small program (e.g., one hospital, one hazmat group, one agency)	Mid-size program (e.g., large hospital network, all first-responder teams in a region/municipality)	Large program (e.g., large city/state level)
microStar reader	Network of microStar readers at multiple sites	Network of microStar readers at multiple sites
100/500 InLight® dosimeters	100/500 InLight® dosimeters/site	100/500 InLight® dosimeters/site
		InLight® Auto 200 for central processing lab

LANDAUER®

Different product configurations are currently being used by state and county agencies throughout the U.S.

Corporate Office
2 Science Road
Glenwood, Illinois 60425
800 323 8830
www.landauer.com

©2009 LANDAUER
All rights reserved.

To minimize our environmental impact, this brochure was printed using renewable energy on papers containing fibers from environmentally appropriate, socially beneficial and economically viable forest resources.