



Radiation Dosimetry Badge Exposure History Report Access Procedures

Dear Radiation Dosimetry Badge Recipient:

Your radiation dosimetry exposure history records at UConn Health can be accessed online. Go to the radiation dosimetry vendor’s website at <http://www.landauer.com/> . In the upper right hand corner of the web page, select “my LDR”.

The screenshot shows the Landauer website header with the logo on the left and navigation links (Customer Support, Resource Center, Investors, About Us, myLDR) on the right. A search bar is located in the top right corner. Below the header, there are two main content areas: one titled 'HEALTHCARE & EDUCATION' featuring a woman pointing at a medical monitor, and another titled 'ENERGY' featuring an image of nuclear power plant cooling towers.

Type in the boxes below:

Username: **uconnhealth**
Password: **uconnhealth**

Username:

Password:

[Request User Login](#)
[Forgot Your Password](#)



** Please note: myLDR will be down for scheduled weekend maintenance on Saturdays from 10:00 p.m. to Sun. 2:00 a.m. CDT. To ensure the ongoing stability and success of myLDR, it is possible myLDR could be unavailable due to system maintenance performed during the hours of 11:30 pm - 3:00 am CDT daily. Thank you in advance for your continued support and partnership as we continue to improve our systems.

Locate the facility account number and your unique individual serial number on the back of your radiation dosimetry badge as shown in the visual below. Type in the account number and the serial number in the fields below and then select the "Submit" button.

End Session

Landauer Individual Dose Report

Please enter Account Number and Serial Number from your dosimeter and click the "Submit" Button.

Individual Dose Report (IDR) - System Demonstration

Individual Dose Report (IDR) - Glossary

Account Number *

Serial number *

Submit Reset
* Required



Your radiation dosimetry badge exposure history results for the most recent quarter, the current year to date, the previous year and lifetime will be displayed as shown in the example visual below. If you want to obtain your more detailed, typically monthly, badge exposure history results, then select the "View Details" button as shown in the bottom right corner of the visual below.

Individual Dose Report (IDR) - Glossary

Account Number *

Serial number *

Submit Reset
* Required

To protect your privacy, no personal information is displayed

History Results
The doses are displayed in mrem

Dose Results

Total Records: 4
Doses as of 2013/03/13 20:12 CST

Dose Period	Total DDE	Total LDE	Total SDE	Beta	Total Neutron	Extremity
Q32012	M	M	M			
2012	11	11	10			
2011	234	234	225			
Lifetime	888	888	859			

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Export Result to: Export View Details

Your more detailed radiation exposure history results will be displayed as shown in the example visual below. Your exposure history results may also be exported as an excel or pdf file, to be saved on your computer, by selecting the “Export” button as shown below.

Dose Results						
Total Records: 4						
Doses as of 2013/03/13 20:12 CST						
Dose Period	Total DDE	Total LDE	Total SDE	Beta	Total Neutron	Extremity
Q32012	M	M	M			
2012	11	11	10			
2011	234	234	225			
Lifetime	888	888	859			

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Export Result to: Excel Export View Details

History Details														
Dosimeter Dose														
Total Records: 24														
Doses as of 2013/03/13 20:12 CST														
Account	Subaccount Name	Subaccount Code	Begin Wear Date	End Wear Date	Dosimeter Type	Dosimeter Location	Total DDE	Total LDE	Total SDE	Beta	Total Neutron	Fast Neutron	Thermal Neutron	Extremity
182051	RAD	RAD	2013/01/01	2013/01/31	Pa	Chest								
182051	RAD	RAD	2012/12/01	2012/12/31	Pa	Chest								
182051	RAD	RAD	2012/11/01	2012/11/30	Pa	Chest								
182051	RAD	RAD	2012/10/01	2012/10/31	Pa	Chest								
182051	RAD	RAD	2012/09/01	2012/09/30	Pa	Chest	M	M	M					
182051	RAD	RAD	2012/08/01	2012/08/31	Pa	Chest	M	M	M					

Radiation dosimetry badge results are reported in “mrem”. The “mrem” (millirem), also referred to as dose equivalent or effective dose, is used to relate the dose of any radiation to the biological effect of that dose.

A whole body badge result reported as “**M**” indicates a reading below the minimal dose equivalent reporting level of 1 mrem.

A “U-ring” badge result reported as “**M**” indicates a reading below the minimal dose equivalent reporting level of 30 mrem. A “Satrun ring” badge result reported as “**M**” indicates a reading below the minimal dose equivalent reporting level of 10 mrem.

- DDE** = Deep dose equivalent - applies to external whole body exposure at a tissue depth of 1 cm.
- LDE** = Eye dose equivalent - applies to external exposures of the lens at a tissue depth of 0.3 cm.
- SDE** = Shallow dose equivalent - applies to the external exposure of the skin or extremity at a tissue depth of 0.007 cm.

General Annual Occupational Radiation Exposure Limits		
Area of body	Reported as	Limit
Whole body, blood forming organs, gonads	DDE	5,000 mrem
Lens of Eye	LDE	15,000 mrem
Extremities and skin	SDE	50,000 mrem

Annual effective doses to the U.S. population from various natural background and man-made sources of ionizing radiation are provided below. This information is from the National Council on Radiation Protection (NCRP) Report 160 and may be useful for comparative purposes.

Source	Annual Effective Dose (mrem/yr)
Cosmic	33
Radionuclides in the body (i.e., K-40)	28
Terrestrial	21
Inhaled radon decay products	212
Consumer products and activities	10
Medical exposure of patients	300

Contact the Radiation Safety Office at (860) 679-2250 if you have questions.