

EQUIVALENT FORM 5 - ANNUAL

OCCUPATIONAL DOSE RECORD FOR A MONITORING PERIOD				PREPARED BY		
This form is for use in place of certain reports required by NRC licensees, OSHA and state regulations. It reflects data provided to or by your account and contains information for NRC Form 5 and other equivalent forms.				LANDAUER®		
ACCOUNT NUMBER 709008	SUBACCOUNT 1431640	SERIES CODE CST	PARTICIPANT NUMBER 01068	Landauer, Inc., 2 Science Road, Glenwood, Illinois 60425-1586 Telephone: (708) 755-7000 Facsimile: (708) 755-7016		
1. NAME (LAST, FIRST, MIDDLE INITIAL) Beesly, Pam		2. IDENTIFICATION NUMBER 1111-22-3333	3. ID TYPE other	4. SEX <input type="checkbox"/> MALE <input checked="" type="checkbox"/> FEMALE	5. DATE OF BIRTH (MM/DD/YYYY) 05/07/1974	
6. MONITORING PERIOD (MM/DD/YYYY) 01/01/2013 - 12/31/2013		7. LICENSEE NAME DEMO 2		8. LICENSE NUMBER(S)		
				9A. <input checked="" type="checkbox"/> RECORD <input type="checkbox"/> ESTIMATE	9B. <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> PSE	
INTAKES				DOSES (in rem)		
10A. RADIONUCLIDE	10B. CLASS	10C. MODE	10D. INTAKE IN μ Ci			
				DEEP DOSE EQUIVALENT (DDE)	11. ND	
				LENS (EYE) DOSE EQUIVALENT (LDE)	12. ND	
				SHALLOW DOSE EQUIVALENT, WHOLE BODY (SDE, WB)	13. ND	
				SHALLOW DOSE EQUIVALENT, MAX EXTREMITY (SDE, ME)	14.	
				COMMITTED EFFECTIVE DOSE EQUIVALENT (CEDE)	15.	
				COMMITTED DOSE EQUIVALENT, MAXIMALLY EXPOSED ORGAN (CDE)	16.	
				TOTAL EFFECTIVE DOSE EQUIVALENT (ADD BLOCKS 11 AND 15) (TEDE)	17. ND	
				TOTAL ORGAN DOSE EQUIVALENT MAX ORGAN (ADD BLOCKS 11 AND 16) (TODE)	18. ND	
				19. COMMENTS		
				PERMANENT TO DATE (IN REM)		
				DDE : 0.150		
				LDE : 0.300		
				SDE, WB : 0.450		
				SDE, ME :		
				TEDE : 0.150		
				Doses are combined across accounts/subaccounts where the participant worked in the year.		
20. SIGNATURE - LICENSEE				DATE SIGNED (MM/DD/YYYY)	21. DATE PREPARED (MM/DD/YYYY) 06/18/2014	

Equivalent Form 5 - Annual

LEGEND

Box 1: Name of the participant.

Box 2: Participant Identification Number.

Box 6: The time period for doses listed in Boxes 10 through 18. Most of the time this is a full calendar year.

Box 9A: Indicates an exposure was measured or estimated.

Box 9B: Indicates if the exposure during the year was "Routine" or "Planned Special Exposure."

Box 10A-D: Includes any information that has been provided to Landauer for internal radiation monitoring.

Boxes 11-18: The doses received during the Monitoring Period listed in Box 6.

Box 19: The total amount of exposure from Inception Date (found in lower left corner of report) to the date the report was prepared (found in Box 21). This box will include the previous history dose obtained from different employers or while being monitored by a different dosimeter provider, if the doses have been communicated to Landauer.

Box 21: The date this report was generated.

A: The date the participant started being monitored by Landauer.

GENERAL FACTS

- **Purpose:** The Equivalent Form 5 - Annual provides the final dose received by the participant during the year. The report also lists the lifetime dose for the participant.
- This report is generated to assist in compliance with regulatory requirements.
- The report can be generated annually, after the close of the calendar year (or can also be generated quarterly).
- The report is generated and mailed to the primary reporting address at the subaccount level.

FREQUENTLY ASKED QUESTIONS

What do I do with this report?

The Equivalent Form 5 - Annual contains all information required by NRC Form 5 and fulfills the requirement found in 10CFR 20.2206 stating that you must submit an annual report of the results of individual monitoring carried out by the licensee for each individual for whom monitoring was required by 20.1502 during that year. If you are part of an Agreement State, please consult your State Regulations for specific requirements.

Why do the doses on the Equivalent Form 5 - Annual seem lower than the doses on my Radiation Dosimetry Reports?

Dose Equivalent on an Equivalent Form 5 - Annual is shown in rem while Dose Equivalent on a Radiation Dosimetry Report is shown in millirem (mrem). To convert rem to mrem, multiply by 1,000.

For some of my doses, I only see "ND." What does "ND" mean?

"ND" stands for non-detectable. Non-detectable exposures are below the reporting capabilities. If you see an "ND" in any box, it is likely the participant had minimal exposure (designated by an "M" on other Landauer reports) throughout the year.

If a participant is active in two separate subaccounts, will I receive two different Equivalent Form 5 - Annual for that participant?

Yes. One report will be generated for each subaccount where the participant received a dose during the monitoring period.

Why is the permanent dose the same on each individual Equivalent Form 5 - Annual for a participant that resides in multiple subaccounts?

The permanent dose is the total dose received by the participant across all subaccounts.

Can I get an Equivalent Form 5 - Annual for an Area Monitor?

Yes, the report is generated automatically as long as the Area Monitor dosimeter is set to accumulate dose. A customer can opt out of receiving Equivalent Form 5 - Annual for an Area Monitor by calling Customer Service.

Why wasn't a report generated for a particular participant?

A report will not be generated for a participant if he or she did not return any dosimeters during the monitoring period, or if all of his or her dosimeters were returned unused.