



TEXAS
Health and Human
Services

**Texas Department of State
Health Services**

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Texas Radiation Control Act and Texas Department of State Health Services (Agency) regulations on radiation, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Agency now or hereafter in effect and to any conditions specified below.

LICENSEE		3. License Number	L01963
1. Name	LUDLUM MEASUREMENTS INC ATTN BILL KING	4. Expiration Date	August 31, 2030
2. Address	P O BOX 810 SWEETWATER TX 79556	Amendment Number	113

This license is amended in accordance with correspondence dated July 29, 2020.

5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
-----------------	---------------------	---------------------	-------------------

The list of isotopes authorized by
Items 5, 6, 7, and 8 A thru NNN
on pages 1 of 13 thru 10 of 13
have been redacted

RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER	AMENDMENT NUMBER
L01963	113

9. A. Radioactive material shall only be stored and used at:

Site Number

Location

- 000
- 001
- 002
- 003
- 004
- 007

Sweetwater – 501 Oak Street (Main site)

The locations of the authorized storage and use locations except for Site Number 000 have been redacted

B. The authorized place of use is at temporary sites, in areas not under exclusive Federal jurisdiction, throughout Texas. The licensee is authorized to use radioactive material at a temporary site up to 90 days in any twelve-month period.

10. This license is issued in accordance with Title 25 Texas Administrative Code section(s):

- A. §289.252(l), "Manufacture and Commercial Distribution of Devices to Persons Generally Licensed in Accordance with §289.251(f)(4)(H)."
- B. §289.252(n), "Manufacture or Initial Transfer of Calibration Sources Containing Americium-241 or Radium-226 for Commercial Distribution to Persons Generally Licensed in Accordance with §289.251(f)(4)(D)."
- C. §289.252(u), "Other Manufacture and Commercial Distribution of Radioactive Material."
- D. §289.252(ll), "Installation, Repair, or Maintenance of Devices Containing Sealed Sources of Radioactive Material."
- E. §289.252(cc)(6), "Requirements for transfer of small quantities of source material."

11. The individual designated to perform the functions of Radiation Safety Officer (RSO) for activities covered by this license is William "Bill" I. King, Jr.

12. Radioactive material shall only be used by, or under the supervision of, individuals who have successfully completed the training described in the application dated **July 29, 2020**.

RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER	AMENDMENT NUMBER
L01963	113

- 13. The licensee shall not open sealed sources containing radioactive material or remove sources from source holders, except as specifically authorized.
- 14. The licensee is authorized to **redistribute** sealed sources and devices in accordance with the following sealed source and device (SSD) registrations, and the statements and representations included in the SSD registrations:
 - A. TX-0426-D-801-B dated October 31 ,2013 for the Ludlum Measurements, Inc. models 299 Series.
 - B. TX-0426-D-802-B dated October 31 ,2013 for the Ludlum Measurements, Inc. model 242.
 - C. TX-0426-D-803-B dated November 8 ,2013 for the Ludlum Measurements, Inc. model 324.
 - D. TX-0426-D-804-B dated December 23 ,2013 for the Ludlum Measurements, Inc. model 3240.
 - E. TX-0426-D-805-S dated March 28, 2014 for the Ludlum Measurements, Inc. model 3230.
 - F. TX-0426-D-806-B dated March 28 ,2014 for the Ludlum Measurements, Inc. models 3110.
 - G. TX-0426-D-807-B dated April 7 ,2014 for the Ludlum Measurements, Inc. models 3210.
- 15. The licensee is authorized to redistribute sealed sources and devices made by other manufactures and registered in accordance with 25 TAC §289.252(v) or equivalent NRC or Agreement state rule.
- 16. The licensee is authorized to perform radiation survey instrument calibrations. The calibrations shall be performed in accordance with procedures described in application dated **July 29, 2020**.
- 17. The licensee shall maintain the financial assurance Surety Bond for \$113,000.00 current and in good standing.

RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER	AMENDMENT NUMBER
L01963	113

18. Except as specifically provided otherwise by this license, the licensee shall possess and use the radioactive material authorized by this license in accordance with statements, representations, and procedures contained in the following:

Application dated **July 29, 2020**, and
Electronic mails dated **November 10, 2020 and January 28, 2021.**

Title 25 TAC §289 shall prevail over statements contained in the above documents unless such statements are more restrictive than the regulations.

RLS:rls

FOR THE DEPARTMENT OF STATE HEALTH SERVICES

Date February 1, 2021

Shawn E. Garza

Digitally signed by Shawn E. Garza
Date: 2021.02.01 13:40:51 -06'00'

Shawn Garza, Program Coordinator
Industrial Licensing Program