



**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 (Department) 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 Department now or hereafter in effect and to any conditions specified below.

<b>LICENSEE</b>		<b>3. License Number</b>	<b>L01963</b>
<b>1. Name</b>	<b>LUDLUM MEASUREMENTS INC</b>	<b>4. Expiration Date</b>	<b>August 31, 2030</b>
<b>2. Address</b>	<b>ATTN RONALD LOGAN GRATEHOUSE</b>	<b>Amendment Number</b>	<b>119</b>
	<b>P O BOX 810</b>		
	<b>SWEETWATER TX 79556</b>		

This license is amended in accordance with correspondence dated April 3, 2024.

<b>5. Radioisotope</b>	<b>6. Form of Material</b>	<b>7. Maximum Activity</b>	<b>8. Authorized Use</b>
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Redacted			
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9. A. Radioactive material shall only be stored and used at:

<u>Site Number</u>	<u>Location</u>
000	Sweetwater – 501 Oak Street (Main site)
001	
002	
003	Redacted
004	
007	

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(I), "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(II), "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 Ronald Logan Gratehouse. The individuals designated as Site RSO (SRSO) are as follows:

<u>Site Number</u>	<u>SRSO</u>	<u>Site Number</u>	<u>SRSO</u>
001	Elias Chavez	004	Ashley Ramey
002	Elias Chavez	007	Ashley Ramey

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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.
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 distribute 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-108-G dated October 28, 2021, for the Ludlum Measurements, Inc. model 299-7.
15. The licensee is authorized to redistribute sealed sources and devices made by other manufacturers 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.

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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 mail 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.

SEG:seg

Date April 10, 2024

FOR THE DEPARTMENT OF STATE HEALTH SERVICES

**Shawn E. Garza**

Shawn E. Garza, Program Coordinator  
Industrial Licensing Program

Digitally signed by Shawn E. Garza  
Date: 2024.04.10 09:44:39 -05'00'