



MICHELLE LUJAN
GRISHAM
Governor
HOWIE MORALES
Lieutenant Governor

NEW MEXICO ENVIRONMENT DEPARTMENT

1100 St. Francis Drive Suite 2022
P.O. Box 5469
Santa Fe, NM 87502-5469
Fax Number: (505) 476-8654 Telephone Number: (505) 476-8600
<https://www.env.nm.gov/rcb/>



JAMES KENNEY
Cabinet Secretary
JENNIFER J. PRUETT
Deputy Secretary

June 27, 2019

David M. Perko, RSO
Bohannon Huston, Inc. ✓
7500 Jefferson Street NE
Albuquerque, NM 87109

Dear Mr. Perko:

Carefully review the contents and assure a complete understanding of all conditions in the attached New Mexico Radioactive Material License, DM456-09, and immediately report any errors or omissions to the Radiation Control Bureau.

Action taken: Renewal, this license will expire on June 30, 2024.

The licensee is required to be familiar with: <https://www.env.nm.gov/rcb/>, 20.3 NMAC.

A move to a different location requires you to notify and receive authorization from this Department at least thirty days in advance. Any sale or transfer of licensed material must be in accordance with 20.3.3.317.B. NMAC.

You are required to possess a copy of this license at all work locations within New Mexico. If you have any questions, you can contact the Bureau at (505) 476-8600.

Sincerely,

Santiago M. Rodriguez, Bureau Chief
Radiation Protection Program





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RADIOACTIVE MATERIAL LICENSE

Pursuant to Sections 74-3-1 through 74-3-16 NMSA 1978, and 20.3.3 NMAC, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive material(s) designated in this license; and to use said radioactive material(s) for the purpose(s) and at the place(s) designated herein. This license is subject to all applicable rules, regulations, and orders now or hereafter in effect, of the New Mexico Environment Department and to any conditions specified herein.

1. License Name Bohannon Huston, Inc.	2. License Number DM456-09
3a. Address 7500 Jefferson Street NE Albuquerque NM 87109	3b. Actual Location of Operation 8371 Corona Loop NE, Albuquerque, NM 87113, and temporary jobsites in New Mexico not under exclusive Federal jurisdiction.
4. Telephone (505) 823-1000 (505) 798-7820	5. Expiration Date June 30, 2024

Date: June 27, 2019

For the New Mexico Environment Department

Santiago M. Rodriguez, Bureau Chief (vmd)
Radiation Protection Program

Attachments:

- 1) Radioactive Material Specifications
- 2) Authorized Use(s) and License Conditions

DM456-09

ATTACHMENT 1 - RADIOACTIVE MATERIAL SPECIFICATIONS



LICENSE NUMBER DM456-09

6. RADIOACTIVE MATERIALS (element and mass number)	7. FORM (chemical or physical)	8. MAXIMUM QUANTITY (Licensee may possess at any one time)
A. Cesium 137 Americium 241/Be.	A. Sealed source (Troxler, Drawing # A-102112 and #A-102451).	A. Nineteen sources not to exceed 9 millicuries Cs 137 each and 44 millicuries Am241/Be each. Not to exceed 171 millicuries for Cs137 and 836 millicuries for Am241/Be.

END OF THIS SECTION



ATTACHMENT 2 - AUTHORIZED USE(S) AND LICENSE CONDITIONS



LICENSE NUMBER DM456-09

9. Authorized Use:
- A. For measuring physical properties of materials in Troxler, Model 3400 series portable gauging devices.
10. The licensee shall comply with the provisions of 20.3.3, 20.3.4, 20.3.10, and 20.3.16 NMAC.
11. The Secretary of the Department or the Secretary's authorized representatives shall be allowed to enter the premises and inspect the radiation related activities at all reasonable times. Failure of the licensee to admit the Secretary or the Secretary's authorized representatives shall constitute grounds for issuance of an immediate cease and desist order.
12. Thirty (30) days before vacating or relinquishing possession or control of the premises specified in Item 3.b of this license, the licensee shall notify the Department in writing of the intent to vacate and the address of relocation.
13. The Radiation Safety Officer for this license is David M. Perko.
14. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals designated in writing by the Radiation Safety Officer after completing the gauge manufacturer's training for portable gauges, or equivalent (as described in the NRC Guidance NUREG-1556, volume 1), and who have been instructed in the licensee's operation and emergency procedures. The licensee shall maintain records for inspection by the Department of individuals designated as authorized users and their training for 5 years following the last use of licensed material by the individual.
15. The licensee shall conduct a physical inventory every 6 months to account for all sealed sources and devices received and possessed under the license. Records of the inventories shall be maintained for 5 years from the date of each inventory for inspection by the Department. The inventory record shall include the identity of the radionuclide for each source and its nominal activity, the make and model number of each source and device, the serial number of each source and device, the location of each source and device, the date of the inventory, and the name of the individual making the inventory.
16. The licensee shall maintain utilization records of each use of licensed material showing:
- A. The make, model number, and a serial number or a description of each sealed source or device used;
- B. The date and location of use of licensed material;
- C. The identity of the user responsible for the licensed material; and
- D. The date and time when the licensed material or device was returned to the storage location.
- Utilization records shall be retained for 3 years from the date of the recorded event and made available for inspection by the Department.
17. Each sealed source containing licensed material shall be tested for leakage and/or contamination in accordance with 20.3.4.415 NMAC at the frequencies specified in their respective Sealed Source Registration Certificates.
- A. Reports of test results for leakage and contamination shall be made pursuant to 20.3.4.458



ATTACHMENT 2 - AUTHORIZED USE(S) AND LICENSE CONDITIONS



LICENSE NUMBER DM456-09

NMAC.

B. Tests for leakage and/or contamination shall be performed by the manufacturer, or persons specifically licensed by the Department to perform such services.

18. In addition to the notification required by 20.3.4.452 NMAC, each licensee shall report immediately any compromise to the integrity of any sealed source or device containing radioactive materials.

19. Sealed sources or source rods containing licensed material shall not be opened, and sealed sources shall not be removed or detached from source rods or gauges by the licensee, except as specifically authorized by a license condition.

20. Except for maintaining labeling, the licensee shall not make any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Registration Certificate issued either by the Nuclear Regulatory Commission or by an Agreement State.

21. Any cleaning, maintenance, or repair of the gauges that requires detaching the sealed source or source rod from the gauge, or dismantling of shielding shall be performed only by the device manufacturer or by other persons specifically authorized by the Department to perform such services.

22. Each portable nuclear gauge shall have a lock or outer locked container designated to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.

23. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.

24. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the Department and submit a report pursuant to 20.3.3 NMAC.

25. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

26. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of Attachment 1 of the license in accordance with statements, representations and procedures contained in, referenced in, or enclosed with the documents listed below. The 20.3 NMAC rules shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the rules.

* Application with attachments dated April 20, 2009;



ATTACHMENT 2 - AUTHORIZED USE(S) AND LICENSE CONDITIONS



LICENSE NUMBER DM456-09

- * Letter dated November 23, 2009;
- * Letter with attachments dated November 17, 2011.
- * Renewal application with attachment dated May 22, 2014.
- * Amendment request with attachments dated May 26, 2015.
- * Amendment request with attachments dated June 27, 2016, and administratively amended July 11, 2016.
- 06 Amendment request with attachments dated February 16, 2018, and administratively amended on March 16, 2018.
- 07 Amendment request with attachments dated August 7, 2018, and August 13, 2018.
- 08 Renewal application dated June 24, 2019.

END OF THIS SECTION.

