



November 18, 2019

Leo Wardrobe
NRC Region 1
2100 Renaissance Blvd., Suite 100
King of Prussia, PA 19406

03015231
Branch 2

REC RG 11203 19 AM 06:57

RE: Materials License 06-06284-02 Amendment 25

To Mr. Leo Wardrobe,

The Lane Construction Corporation ("Lane") located at 90 Fieldstone Court in Cheshire, Connecticut would like to amend the Materials License # 06-06284-02. Lane requests replacing Sara Meehan as the Radiation Safety Officer ("RSO") with Fred White, Corporate Quality Manager. Please find enclosed, the training certificates signed by the current RSO for the RSO Training and Nuclear Gauge Safety Training Plus Hazmat.

In addition, Lane would like to reduce the number of sealed sources covered by the license. Due to the sale of the asphalt plants and paving division, Lane now possesses a single Troxler 3440 Plus model nuclear gauge. Please contact me directly at (704) 309-1138 with any questions regarding this amendment.

Sincerely,

Fred White
Corporate Quality Manager

NMSS/RGN1 MATERIALS-002

617191

Cc: MRS, Director of Quality and Environmental
Enc: Radiation Safety Officer Training and Nuclear Gauge Safety Training Plus Hazmat
Certificates

The Lane Construction Corporation
90 Fieldstone Court
Cheshire, CT 06410
www.laneconstruct.com
An Equal Opportunity Employer M / F / D / V

Nuclear Gauge Safety Certification

This certifies that

Fred White

has successfully completed the official Troxler nuclear gauge user safety training course. This person was taught and demonstrated their knowledge of radiation safety and regulatory requirements associated with the use of portable nuclear density gauges on this date:

Jul 11, 2019

This certificate is not valid until signed by the licensee RSO.

I attest that the person named above, and no other, completed the online course and tests. I certify that the individual has completed practical skills training for setting up and making measurements, routine maintenance, packaging and transport, storage, and emergency procedures for portable nuclear gauges.

Licensee RSO

Sara Michana
(Print Name)

Radiation Safety Officer
Title

11/13/19
Date

Troxler Online Training meets the requirements in Chapter 64E, Part XIII, Florida Administrative Code.



Troxler Electronic Laboratories, Inc.
P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709
Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com

Hazmat Certification

as required by U.S DOT and IATA

This certifies that

Fred White

has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, function-specific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc.

Date Jul 11, 2019 Expires Jul 10, 2022

EMPLOYER CERTIFICATION

I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H).

Signature Sara Muham Title Radiation Safety Officer Date 11/13/19



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P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709
Phone:(919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, 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 byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee 1. The Lane Construction Corporation 2. 90 Fieldstone Court Cheshire, CT 06410		In accordance with letter dated September 28, 2017, 3. License number: 06-06284-02 is amended in its entirety to read as follows:	4. Expiration Date: February 28, 2025 5. Docket No.: 030-15231 Reference No.:
6. Byproduct, source, and/or special nuclear material A. Cesium-137 B. Cesium-137 C. Americium-241/ Beryllium	7. Chemical and/or physical form A. Sealed Sources (AEA Technology/QSA Inc., Model CDCW556; Isotope Product Laboratories, Model HEG-137) B. Sealed Sources (AEA Technology/QSA, Inc., Model CDC.805; Isotope Product Laboratories, Model HEG-137) C. Sealed Neutron Source (AEA Technology/QSA, Inc., Model AMNV.997; Isotope Products Laboratories, Model Am1.NO2, 3021, 3027)	8. Maximum amount that licensee may possess at any one time under this license A. 9 millicuries per source and 405 millicuries total B. 11 millicuries per source and 22 millicuries total C. 44 millicuries per source and 660 millicuries total	9. Authorized use A. For use in Troxler Electronic Laboratories Model 3400 Series, 3411-B, and 4640 portable gauging devices for measuring physical properties of materials. B. For use in Humboldt Scientific, Inc., Model 5001 and InstroTek, Inc. 3500 portable gauging devices for measuring physical properties of materials. C. For use in Troxler Electronics Laboratories models 3400 series and 3411-B portable gauging devices for measuring physical properties of materials.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
06-06284-02Docket or Reference Number
030-15231

Amendment No. 24

- | 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license | 9. Authorized use |
|---|---|--|---|
| D. Americium-241/Beryllium | D. Sealed Neutron Source (AEA Technology/QSA, Inc., Model AMN.V997; Isotope Products Laboratories, Model Am1.NO2) | D. 44 millicuries per source and 88 millicuries total | D. For use in Humboldt Scientific, Inc., Model 5001 and InstroTek, Inc. 3500 portable gauging devices for measuring physical properties of materials. |
| E. Americium-241/Beryllium | E. Sealed Neutron Source (Amersham Corporation, Model AMNV.340) | E. 110 millicuries per source and 110 millicuries total | E. For use in Troxler Electronics Laboratories model 3241-C portable gauging devices for measuring physical properties of materials. |

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at: 90 Fieldstone Court, Cheshire, Connecticut. Licensed material may be used at temporary job sites anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated October 30, 2014. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
12. The Radiation Safety Officer (RSO) for this license is Sara J. Meehan.

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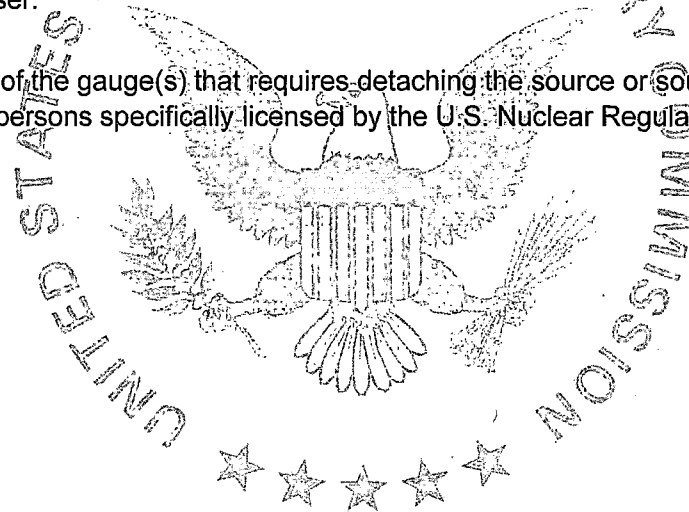
13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State. In the absence of a registration certificate, sealed sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months, or at such other intervals as specified.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. The leak test shall be capable of detecting the presence of 185 becquerels (0.005 microcuries) of radioactive material on the test sample. If the test reveals the presence of 185 becquerels (0.005 microcuries) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- E. Analysis of leak test samples and/or contamination shall be performed by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is authorized to collect leak test samples but not perform the analysis.
- F. Records of leak test results shall be kept in units of becquerels (microcuries) and shall be maintained for 3 years.
14. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.

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15. Sealed sources or source rods containing licensed material shall not be opened or sources removed from source holders or detached from source rods by the licensee, except as specifically authorized.
16. Each portable nuclear gauge shall have a lock or outer locked container designed 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 or storage, or when not under the direct surveillance of an authorized user.
17. Any cleaning, maintenance, or repair of the gauge(s) that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.



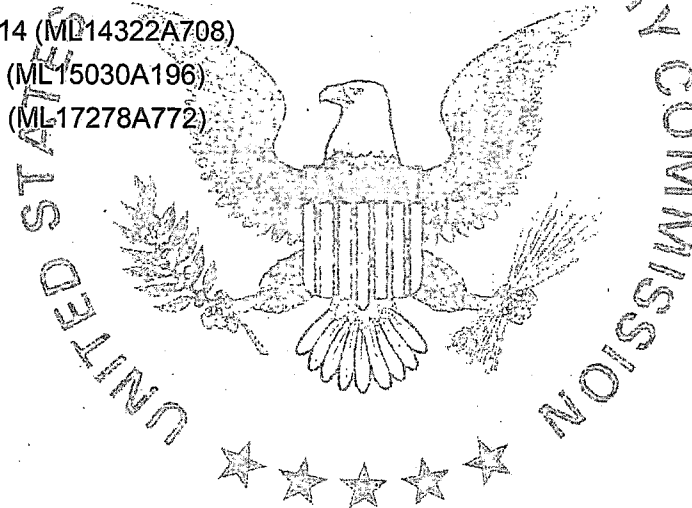
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18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.


- A. Application dated October 30, 2014 (ML14322A708)
- B. Letter received January 23, 2015 (ML15030A196)
- C. Letter dated September 28, 2017 (ML17278A772)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: December 7, 2017

By: _____


Dennis Lawyer
Region 1



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Lane Construction Corporation
ATTN: Michael Scolforo, Area Safety Manager
90 Fieldstone Court
Cheshire, CT 06410

Date

12/09/2019

License Number(s)

06-06284-02

Mail Control Number(s)

617191

Licensing and/or Technical Reviewer or Branch

Commercial, Industrial, R&D and Academic Branch

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: 11/18/2019

The initial processing, which included an administrative review, has been performed.

☒ Amendment ☐ Termination ☐ New License ☐ Renewal

☒ There were no administrative omissions identified during our initial review.

☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

☐ Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

☐ The following administrative omissions have been identified:

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, (610) 337-5513 or (610) 337-5239