U.S. NUCLEAR REGULATORY COMMISSION

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	In accordance with emails dated June 21, 2023, August 08, 2023, and September 15, 2023,	4. Expiration Date: November 30, 2038
1. Cal-Cert Company		5. Docket No.: 030-39349 Reference No.:
2. PO Box 416 Clackamas, OR 97015	3. License No.: 36-35713-01	

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
A. Cesium-137	A. Sealed Sources (AEA Technology/QSA, Inc., Model CDC.805; Isotope Product Laboratories, Inc., Model HEG-137)	A. 11 millicuries per source and 11 millicuries total	A. For use and/or possession incident to service, calibration and/or repair of Humboldt Scientific, Inc. Model 5001 portable gauging device.
B. Cesium-137	B. Sealed Sources (AEA Technology/QSA, Inc., Model CDCW556; Isotope Product Laboratories, Model HEG-137)	B. 9 millicuries per source and 9 millicuries total	B. For use and/or possession incident to service, calibration and/or repair of Troxler Electronic Laboratories, Inc. Model 3400 portable gauging device.
C. Cesium-137	C. Sealed Sources (AEA Technology/QSA, Inc., Model CDCW556; Isotope Product Laboratories, Model HEG-137)	C. 9 millicuries per source and 9 millicuries total	C. For use and/or possession incident to service, calibration and/or repair of Troxler Electronic Laboratories, Inc. Model 4640 and 4640-B portable gauging device.

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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. Cesium-137	D. Sealed Sources (CPN, Model CPN-131)	D. 10 millicuries per source and 10 millicuries total	D. For use and/or possession incident to service, calibration and/or repair of CPN International Division of InstroTek, Inc. MC Series PORTAPROBE® portable gauging device.
E. Cesium-137	E. Sealed Sources (AEA Technology/QSA, Inc., Model CDC.805; Isotope Products Laboratories, Model HEG-137)	E. 11 millicuries per source and 11 millicuries total	E. For use and/or possession incident to service, calibration and/or repair of InstroTek, Inc. Model 3500 portable gauging device.
F. Americium-241/ Beryllium	F. Sealed Neutron Source (AEA Technology/QSA, Inc., Model AMN.V997; Isotope Product Laboratories, Inc., Model Am1.NO2)	F. 44 millicuries per source and 44 millicuries total	F. For use and/or possession incident to service, calibration and/or repair of Humboldt Scientific, Inc. Model 5001 portable gauging device.
G. Americium-241/ Beryllium	G. Sealed Neutron Source (AEA Technology/QSA, Inc., Model AMNV.997; Isotope Product Laboratories, Model Am1.NO2, 3021, or 3027)	G. 44 millicuries per source and 44 millicuries total	G. For use and/or possession incident to service, calibration and/or repair of Troxler Electronic Laboratories, Inc. Model 3400 portable gauging device.
H. Americium-241/ Beryllium	H. Sealed Neutron Source (CPN, Model CPN-131)	H. 50 millicuries per source and 50 millicuries total	H. For use and/or possession incident to service, calibration and/or repair of CPN International Division of InstroTek, Inc. MC Series PORTAPROBE® portable gauging device.
I. Americium-241/ Beryllium	I. Sealed Neutron Source (AEA Technology/QSA, Inc., Model AMNV.997; Isotope Products Laboratories, Model AM1.NO2)	I. 44 millicuries per source and 44 millicuries total	I. For use and/or possession incident to service, calibration and/or repair of InstroTek, Inc. Model 3500 portable gauging device.

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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
J. Californium-252	J. Sealed Neutron Source (AEA Technologies, Model CVN.1; Isotope Product Laboratories, Model HEG-252)	J. 66 microcuries per source and 66 microcuries total	J. For use and/or possession incident to service, calibration and/or repair of Troxler Electronic Laboratories, Inc. Model 3400 portable gauging device.

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CONDITIONS

10. Licensed material may be used only at temporary job sites of the licensee 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 should be obtained from the appropriate state regulatory agency.

11. The Radiation Safety Officer (RSO) for this license is Anthony Lewandowski.

12. A. Licensed material shall only be used by, or under the supervision of, individuals who have received the training described in the application with email dated June 21, 2023, and have been designated in writing by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.

    B. Non-routine maintenance or repair of components related to the radiological safety of the gauge (i.e., the sealed source, the source holder, source drive mechanism, on-off mechanism (shutter), shutter control, shielding) shall only be performed by, or under the supervision of Joshua Rowland and Jeff Borszich.

13. A. Sealed sources and detector cells 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.

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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. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee, except as specifically authorized.

15. Radioactive waste possessed under this license shall be stored in accordance with the statements, representations, and procedures included with the licensee's waste storage plan described in the licensee's Waste Disposal Procedures with email dated September 28, 2023.

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16. 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 statements, representations, and 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 impose on the licensee requirements that are more restrictive than or in addition to the regulations.

A. Application submitted with email dated June 21, 2023 (ML23291A355)
B. Email with attachments dated August 8, 2023 (ML23293A239)
C. Email with attachments dated September 15, 2023 (ML23293A240)
D. Email with attachments dated September 28, 2023 (ML23293A242)
E. Email with attachments dated October 15, 2023 (ML23293A244)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: November 1, 2023

By: Michelle R. Simmons
Digitally signed by Michelle R. Simmons
Date: 2023.11.01 14:44:48 -05'00'

Tony Gonzalez
Region 4