

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, 39, 40, and 70, 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. Gases 101 LLC	3. License number 4235292-01E
2. 1107 Wonder Street, Suite 103 A Round Rock, Texas 78681	4. Expiration date April 30, 2026
	5. Docket No. 030-38904 Reference No.

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
A. Americium-241	A. Sealed Sources (Eckert & Ziegler GmbH Model AMM)	A. Not applicable (See Condition 11)

9. Authorized use:

In accordance with 10 CFR 32.26, "Gas and aerosol detectors containing byproduct material: Requirements for license to manufacture, process, produce, or initially transfer," the licensee is authorized to distribute the gas and aerosol detectors as specified in Condition 10 of this license to persons exempt from the requirements for a license under 10 CFR Part 30.20, or equivalent regulations of any Agreement State.

CONDITIONS

10. The following device containing byproduct material designed and manufactured in accordance with NRC Registration No. NR-1417-D-101-E, may be distributed according to this license provided the amount of Americium-241 contained in the device does not exceed the amount specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity Per Device</u>
ChemPro Series (100i, FXi, DM, PD)	160 microcuries (5.92 MBq)

- 11. This license does not authorize possession or use of licensed material.
- 12. The licensee may distribute only from its facilities located at 1107 Wonder Street, Suite 103 A, Round Rock, Texas.

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SUPPLEMENTARY SHEET**License Number
42-35292-01EDocket or Reference Number
030-38904

13. The licensee shall file periodic reports as specified in 10 CFR 32.29.
14. Except as specifically provided otherwise by 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. 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 December 12, 2015 (ML16034A253);
 - B. Letter dated March 24, 2016 (ML16097A187);
 - C. Letter dated March 24, 2016 (ML16091A157);
 - D. Letter dated April 13, 2016 (ML16105A154).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 4/28/16By /RA/
Shirley S. Xu
Materials Safety Licensing Branch
Division of Material Safety, State, Tribal and
Rulemaking Program
Office of Nuclear Materials Safety and Safeguards
Washington, DC 20555