

## 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  1. Valco Instruments Company, Inc.  2. P.O. Box 55603 Houston, TX 77255		In accordance with application dated May 28, 2017.  3. License number: 42-35437-01E  4. Expiration Date: January 31, 2033  5. Docket No.: 030-39061 Reference No.:	
6. Byproduct, source, and/or special nuclear material  A. Americium-241	7. Chemical and/or physical form  A. Foils (NRD, LLC, Model A-001)	8. Maximum amount that licensee may possess at any one time under this license  A. No Possession Authorized	9. Authorized use  A. In accordance with 10 CFR 32.30, the licensee is authorized to distribute the Model TGA 3000 Ion Mobility Spectrometer containing an Am-241 foil source as specified in Condition 10 of this license to persons exempt from the requirements for a license under 10 CFR 30.22, or equivalent regulations of any Agreement State.

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 CONDITIONS

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42-35437-01EDocket or Reference Number  
030-39061

10. The following industrial device containing byproduct material designed and manufactured in accordance with NRC registration certificate No. NR-0658-D-104-E, for the purpose of detecting impurities in ultra high purity gases, may be distributed according to this license provided the amount of Americium-241 contained in the device does not exceed 20 microcuries (0.74 MBq).

Valco TGA 3000

11. This license does not authorize possession or use of licensed materials.
12. The licensee may distribute material from licensee's facilities located at 8300 Waterbury Lane, Houston, Texas, 77255
13. The licensee shall file periodic reports as specified in 32.32(c).
14. 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 May 28, 2017 and letter dated May 31, 2017 (ML17220A088);
  - B. Letter dated November 20, 2017 (ML17332A086);
  - C. Letter dated January 5, 2018 (ML18011A176);

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FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: January 24, 2018By: /RA/  
Richard Struckmeyer  
Headquarters