

Weaver, Deborah

From: Garza,Shawn E (DSHS) <Shawn.Garza@dshs.texas.gov>
Sent: Wednesday, January 24, 2018 10:17 AM
To: Dale Ashworth; Herrera, Tomas; Struckmeyer, Richard
Cc: Von Ahn,Karl (DSHS)
Subject: [External_Sender] FW: Scan from a Xerox WorkCentre
Attachments: DOC.PDF

All,

Please see attached amendment to Valco Instruments Company Incorporated's license L01572.

Mr. Ashworth, original license amendment is in the mail.

Thank you,

Shawn E. Garza, Program Coordinator
Industrial licensing Program
Texas Department of State Health Services Radioactive Material Licensing - MC 2835 P.O. Box 149347 Austin, Texas
78714-9347
Phone: (512) 834-6688 Ext. 2628
Fax: (512) 834-6690

-----Original Message-----

From: Shawn.Garza@dshs.texas.gov [mailto:Shawn.Garza@dshs.texas.gov]
Sent: Wednesday, January 24, 2018 9:13 AM
To: Garza,Shawn E (DSHS) <Shawn.Garza@dshs.texas.gov>
Subject: Scan from a Xerox WorkCentre

Please open the attached document. It was scanned and sent to you using a Xerox WorkCentre.

Sent by: dshs\sgarza382
Attachment File Type: PDF, Multi-Page

WorkCentre Location: machine location not set Device Name: XRX9C934E04AB7B

For more information on Xerox products and solutions, please visit <http://www.xerox.com> *Please note* My email address has changed to reflect @dshs.texas.gov domain. Please be sure to update your contact information with the new address.



Texas Department of State Health Services

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Texas Radiation Control Act and Texas Department of State Health Services (Agency) regulations on radiation, 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 radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Agency now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">LICENSEE</p>		<p>3. License Number L01572</p>
<p>1. Name VALCO INSTRUMENTS COMPANY INC ATTN STANLEY D STEARNS</p>		
<p>2. Address PO BOX 55603 HOUSTON TEXAS 77255</p>	<p>4. Expiration Date March 31, 2021</p>	
		<p>Amendment Number 28</p>

This license is amended in accordance with correspondence dated May 31, 2017

5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
A. Americium-241	A. Foil source (NRD Model A-001)	A. No single source to exceed 20microcuries Total: 20 millicuries	A. Possession of Model TGA 3000 gas aerosol device incident to issuance of NRC exempt distribution license.
B. Cesium-137	B. Sealed source (EZ Model Series RV-XXX)	B. 250 microcuries	B. Calibration, reference and storage preparatory to transfer.
C. Cesium-137	C. Sealed source (EZ Model HEG-137)	C. 5 millicuries	C. Calibration, reference and storage preparatory to transfer.
D. Nickle-63	D. Sealed source (DuPont Model NER-004 or NRD Model N1001)	D. No single source to exceed 10 millicuries Total: 25 curies	D. Receipt, testing, repair/re-foil, manufacture, research and development, and distribution of the licensee's Model 140BN detector cells.
E. Sodium-22	E. Sealed source (EZ Model Series GF-aaaa)	E. 100 microcuries	E. Calibration, reference and storage preparatory to transfer.

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5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
F. Tritium	F. Sealed source (SLC or USRC Model LAB 508-3)	F. No single source to exceed 1 curie Total: 50 curies	F. Receipt, testing, repair/re-foil, manufacture, research and development, and distribution of the licensee's Models 100 or 100H detector cells.

9. Radioactive material shall only be stored and used at:

Site Number Location
003 Houston – 8300 Waterbury Lane, Rooms 401A and 401B (Main Site)

10. This license is issued in accordance with Title 25 Texas Administrative Code section §289.252(I), "Manufacture and Commercial Distribution of Devices to Persons Generally Licensed in Accordance with §289.251(f)(4)(H)."

11. The licensee is authorized to manufacture and distribute devices in accordance with the following sealed source and device (SSD) registrations, and the statements and representations included in the SSD registrations:

- A. TX-658-D-101-G dated June 5, 1987 for the device model 100.
- B. TX-658-D-102-G dated April 10, 2007 for the device model 140BN.
- C. TX-658-D-103-G dated June 5, 1987 for the device model 100H.

12. The individual designated to perform the functions of Radiation Safety Officer (RSO) for activities covered by this license is Stanley D. Stearns.

13. Radioactive material shall only be used by Stanley D. Stearns, John Durr, Steve Werner, Janardhan Madabushi and Bob Sternberg.

14. The licensee shall not open sealed sources containing radioactive material or remove sources from source holders, except as specifically authorized.

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15. Detector cells containing tritium foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperature from exceeding 225° Centigrade for titanium tritide foils and 325° Centigrade for scandium tritide foils.
16. Detector cells containing tritium shall be installed so that the exhaust is vented to the outside atmosphere, to a hood system vented to the outside atmosphere, or into the process stream.
17. The licensee shall maintain records for inspection by the Agency of radiation surveys and wipe surveys. Contamination in all areas of the facility, except for the hot lab, shall be kept below 1000 disintegrations per minute of removable contamination per 100 square centimeters of area wiped.
18. The licensee is authorized to test for leakage of Ni-63 using the licensee's Leak Test Kit. Such tests shall be capable of detecting 0.005 microcuries of contamination on the test sample. The results of such tests shall be provided to the customer in microcuries.
19. Pursuant to the Texas Radiation Control Act and 25 TAC §289.251 an acknowledgement is hereby issued to the licensee listed in Condition 1 of this license as a General Licensee for the possession, use and transfer of radioactive material contained in devices obtained under the provisions of 25 TAC §289.251(g). The general licensee is subject to all applicable rules, regulations and orders of the Department of State Health Services (Agency) now or hereafter in effect.

The following radioactive material possessed under the authorization of the general license granted in 25 TAC §289.251(g) shall be used only for the purpose for which the device containing the radioactive material was approved as specified in the Registry of Radioactive Sealed Sources and Devices. Portable and/or mobile devices may also be used at temporary sites, in areas not under exclusive Federal jurisdiction, throughout Texas.

Device Manufacturer	Device Model	Device Serial No.	Source Serial No.	Radionuclide	Activity
A. Thermo Niton	XLp818W	14706	unknown	Am-241	30 millicuries

20. Possession and storage of the Cesium-137 and Sodium-24 sources of this license is authorized preparatory to transfer of these sources to another licensed entity before May 31, 2013. This authorization will expire on May 31, 2013.

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21. Except as specifically provided otherwise by this license, the licensee shall possess and use the radioactive material authorized by this license in accordance with statements, representations, and procedures contained in the following:

application dated March 15, 2005,
 letters dated January 24, 2007, March 14, 2007, April 25, 2007, February 10, 2011 and **May 31, 2017**.
 RC Form 252-1 (Business Information Form) dated [DATE].

Title 25 TAC §289 shall prevail over statements contained in the above documents unless such statements are more restrictive than the regulations.

SEG:seg

FOR THE DEPARTMENT OF STATE HEALTH SERVICES

Date January 24, 2018



Shawn E. Garza, Program Coordinator
 Advanced Technology Licensing Program