

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	In accordance with letter dated December 31, 2013
1. FLIR Detection, Inc.	3. License number 41-25639-01E is amended in its entirety to read as follows:
2. 100 Midland Road Oak Ridge, Tennessee 37830	4. Expiration date May 31, 2014
	5. Docket No. 030-36509 Reference No.

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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 |
| A. Barium-133
B. Cadmium-109
C. Cesium-137
D. Cobalt-57
E. Cobalt-60
F. Europium-152
G. Manganese-54
H. Sodium-22
I. Zinc-65 | A. through I.
Calibration sources | A. through I. Not applicable
(See Condition 10) |

9. Authorized use:

Pursuant to Sections 32.14 and 32.18, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute licensed material as specified in 30.71, Schedule B, in the form of calibration sources manufactured by Spectrum Techniques, Inc., and ionizing radiation measuring instruments containing cesium-137 and manganese-54 to persons exempt from licensing pursuant to Sections 30.15 and 30.18, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

- 10. This license does not authorize possession or use of licensed material.
- 11. The licensee is authorized to distribute only from its facility located at 100 Midland Road, Oak Ridge, TN.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
41-25639-01EDocket or Reference Number
030-36509

Amendment No. 06

12. The licensee shall submit periodic material transfer reports as specified in 10 CFR 32.16 and 10 CFR 32.20.
13. 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 September 14, 2003 (ML041240341);
 - B. Letter dated February 11, 2004 (ML041240381);
 - C. Application dated June 9, 2004 (ML041950256);
 - D. Letter dated October 15, 2010 (ML102940239);
 - E. Letters (2) dated March 29, 2011 (ML110910211);
 - F. Letter dated May 2, 2011;
 - G. Letter dated August 31, 2011 (ML112590554);



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date February 21, 2014

/RA/
Shirley S. Xu
Licensing Branch
Division of Materials Safety
and State Agreements
Office of Federal and State Materials
and Environmental Management Programs