

**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	In accordance with application dated June 4, 2014
1. Advanced Measurement Technology, Inc.	3. License number 41-23915-01E is amended in its entirety to read as follows:
2. 801 South Illinois Avenue Oak Ridge, Tennessee 37830	4. Expiration date November 30, 2024
	5. Docket No. 030-36533 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. Cesium-37	A. Solid Sealed Source (Spectrum Techniques, Model No. CS137S)	A. Not Applicable (See Condition 10)

9. Authorized use:

In accordance with Section 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 for use as check sources and for use as an operability check source with ORTEC Docking Station to persons exempt from the requirements for a license under Section 30.18, 10 CFR Part 30, or equivalent provisions 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 801 South Illinois Avenue, Oak Ridge, Tennessee.
- 12. The licensee shall submit periodic material transfer reports as specified in 10 CFR 32.20.

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SUPPLEMENTARY SHEET**License Number
41-23915-01EDocket or Reference Number
030-36533

Amendment No. 02

CONDITIONS

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 June 4, 2014 (ML14168A592); and
- B. Letter dated October 15, 2014 (ML14294A171).



For the U.S. Nuclear Regulatory Commission

Date: November 6, 2014By: /RA/

Shirley S. Xu
Material Safety Licensing Branch
Division of Materials Safety, States, Tribal,
and Rulemaking Programs
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555