

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.

<p>Licensee</p> <p>1. Smith Detection</p> <p>2. 21 Commerce Drive Danbury, Connecticut 06810-4131</p>	<p>In accordance with letter dated June 20, 2011</p> <p>3. License number 06-24000-01E is amended in its entirety to read as follows:</p> <p>4. Expiration date March 31, 2021</p> <p>5. Docket No. 030-38417 Reference No.</p>
---	---

- | | | |
|--|---|---|
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Sodium 22</p> | <p>7. Chemical and/or physical form</p> <p>A. Sealed Sources (Eckert & Ziegler Isotopes Model HEG-XXX series)</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not applicable (See Condition 10)</p> |
|--|---|---|

9. Authorized use:

Pursuant to 10 CFR 32.14, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute RadSeeker, a Hand Portable Radiation Detector System (HPRDS), containing not more than 0.016 microcuries of Sodium-22, to persons exempt from licensing pursuant to 10 CFR 30.15, 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 facilities located at: 21 Commerce Drive, Danbury, Connecticut.
- 12. The licensee shall submit periodic material transfer reports as specified in 10 CFR 32.16.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
06-24000-01EDocket or Reference Number
030-38417

Amendment No. 01

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 January 31, 2011 (ML110410368);
B. Email with attachments dated March 14, 2011 (ML110750422);
C. Letter dated June 20, 2011 (ML111801400).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Date July 11, 2011

By _____

Shirley S. Xu
Licensing Branch
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs
Washington, DC 20555