

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 1. Rapiscan Systems, Inc 2. 2805 Columbia Street Torrance, California 90503	In accordance with letter dated May 8, 2013 3. License number 04-24011-01E is amended in its entirety to read as follows: 4. Expiration date October 31, 2016 5. Docket No. 030-38542 Reference No. 09-23932-01E, 030-37230
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6. Byproduct, source, and/or special nuclear material A. Americium-241	7. Chemical and/or physical form A. Foil Sources (NRD Model A-001)	8. Maximum amount that licensee may possess at any one time under this license A. Not applicable (See Condition 11)
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9. Authorized use:

Pursuant to 10 CFR 32.26, "Specific Domestic Licenses To Manufacture Or Transfer Certain Items Containing Byproduct Material," the licensee is authorized to distribute gas and aerosol detectors manufactured in accordance with NRC Registration Nos. NR-1267-D-102-E and repaired in accordance with NRC Registration Nos. NR-1267-D-801-E containing sealed sources as specified in Condition 10 of this license to persons exempt from the requirements for a license pursuant to 10 CFR 30.20, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. The following gas and aerosol detector devices may be distributed pursuant to this license provided the amount of Americium-241 contained in each device does not exceed the amounts specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
HE50	20 microcuries (0.74 MBq)
EASYTEC-XP	20 microcuries (0.74 MBq)
EASYTEC-UM	20 microcuries (0.74 MBq)

- 11. This license does not authorize possession or use of licensed material.
- 12. The licensee may distribute only from its facilities located at 25 Commerce Way, North Andover, Massachusetts and 2805 Columbia Street, Torrance, CA.

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SUPPLEMENTARY SHEET**License Number
04-24011-01EDocket or Reference Number
030-38542

13. The licensee shall file periodic reports as specified in 10 CFR 32.29.
14. 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 15, 2006;
 - B. Letter dated August 8, 2006;
 - C. Letter dated October 1, 2006;
 - E. Letter dated June 1, 2007;
 - F. Letter dated July 6, 2007;
 - G. Letter dated September 8, 2011 (ML112710673);
 - H. Letter Dated March 2, 2012 (ML12072A272);
 - I. Letter dated April 5, 2013 (ML13129A451);
 - J. Application dated May 8, 2013 (ML13129A450);
 - K. Letter dated July 22, 2013 (ML13207A478).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date August 7, 2013By /RA/

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