

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, 37, 39, 40, 70 and 71, 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, CA 90503		In accordance with letter dated September 29, 2016 3. License number: 04-24011-01E is amended in its entirety to read as follows: 4. Expiration Date: under timely renewal 5. Docket No.: 030-38542 Reference No.: 09-23932-01E, 030-37230	
6. Byproduct, source, and/or special nuclear material A. Americium-241	7. Chemical and/or physical form A. Foils (NRD, Model A-001)	8. Maximum amount that licensee may possess at any one time under this license A. No Possession Authorized	9. Authorized use A. In accordance with 10 CFR 32.26 the licensee is authorized to distribute gas and aerosol detectors as specified in Condition 10 of this license to persons exempt from the requirements for a license under 10 CFR 30.20, or equivalent regulations of any Agreement State.

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SUPPLEMENTARY SHEET**License Number
04-24011-01EDocket or Reference Number
030-38542 09-23932-01E, 030-37230

Amendment No. 5

CONDITIONS

10. The following gas and aerosol detector devices manufactured in accordance with NRC Sealed Source and Device Registration No. NR-1267-D-102E, may be distributed, provided the amount of Am-241 contained in the device does not exceed the amounts specified in the following table:

Device/Series Model	Maximum Activity per Device
Detectra HX	20 microcuries (0.74 MBq)
Detectra HN	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:
- 2805 Columbia Street, Torrance, California, 90503
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 (ML063210442);
- B. Letter dated August 8, 2006 (ML062900546);

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- C. Letter dated June 1, 2007 (ML071930296);
D. Letter dated July 6, 2007 (ML071970485);
E. Letter dated September 8, 2011 (ML112710673);
F. Letter Dated March 2, 2012 (ML12072A272);
G. Letter dated April 5, 2013 (ML13129A451);
H. Application dated May 8, 2013 (ML13129A450);
I. Letter dated July 22, 2013 (ML13207A478);
J. Letter dated September 12, 2014 (ML14265A327);
K. Letter dated October 8, 2014 (ML14282A120);
L. Letter dated January 12, 2015 (ML15023A008);
M. Letter dated June 17, 2016 (ML16173A332);
N. Letter dated July 7, 2016 (ML16194A161);
O. Letter dated September 29, 2016 (ML16278A195); and
P. Letter dated November 04, 2016 (ML16312A297).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: November 15, 2016By: /RA/
Richard Struckmeyer
Headquarters