

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. Teledyne API (Advanced Pollution Instrumentation)		3. License number 06-23983-01E
2. 9480 Carroll Park Dr. San Diego, CA 92121-5201		4. Expiration date December 31, 2020
		5. Docket No. 030-38294 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. Carbon-14	A. Sealed source (RC Tritec Model FAI09)	A. Not applicable (See Condition 11)
9. Authorized use:		
A. Pursuant to Section 32.26, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; the licensee is authorized to distribute gas and aerosol detectors as specified in Condition 10 to persons exempt from the requirements for a license pursuant to Section 30.20, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.		

CONDITIONS

10. The following gas and aerosol detector device may be distributed pursuant to this license provided the amount of Carbon-14 contained in the devices does not exceed the amounts specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
Model 602 Beta ^{plus}	100 microcuries (3.7 MBq)

11. This license does not authorize possession or use of licensed material.
12. The licensee may distribute only from its facility located 9480 Carroll Park Dr., San Diego, CA 92121-5201.
13. The licensee shall file periodic reports as specified in Section 32.29(c) of 10 CFR Part 32.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
06-23983-01EDocket or Reference Number
030-38294**CONDITIONS**

(Continued)

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. Undated application identified as Attachment E to submission dated May 6, 2010 ;
 - B. Emails dated October 6, 2010, October 18, 2010, and October 22, 2010, with enclosures thereto ;
 - C. Email dated November 12, 2010, with attachments ; and,
 - D. Registration Certificate NR-1335-D-101-E.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

December 15, 2010

Date _____

By _____

J. Bruce Carrico
Licensing Branch
Division of Materials Safety and
State Agreements
Office of Federal and State Materials and
Environmental Management Programs
Washington, DC 20555