

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, 37, 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 style="text-align: center;">Licensee</p> <p>1. Teledyne API (Advanced Pollution Instrumentation)</p> <p>2. 9480 Carroll Park Dr. San Diego, CA 92121-5201</p>	<p>In accordance with the letter dated April 13, 2016,</p> <p>3. License number 04-23983-01E is amended in its entirety as follows:</p> <p>4. Expiration date December 31, 2020</p> <p>5. Docket No. 030-38294 Reference No.</p>
--	--

<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Carbon-14</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed source (RC Tritec Model FAI09)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not applicable (See Condition 11)</p>
--	---	---

9. Authorized use:

A. In accordance with 10 CFR 32.26, "Gas and aerosol detectors containing byproduct Material: Requirements for license to manufacture, process, produce, or initially transfer," 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 an Agreement State.

CONDITIONS

10. The following device containing byproduct material designed and manufactured in accordance with NRC registration certificate No. NR-1335-D-101-E, may be distributed according to this license provided the amount of carbon-14 contained in the device does not exceed the amount specified in the following table:

<u>Device Model</u>	<u>Maximum Quantity per Device</u>
Model 602 Beta <sup>plus</sup>	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 facilities located at 9480 Carroll Park Dr., San Diego, CA and 9970 Carroll Canyon Road, Suite A, San Diego, CA.
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  
04-23983-01EDocket or Reference Number  
030-38294

Amendment No. 01

**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 (ML101390340);
  - B. Emails dated October 6, 2010 (ML102880011), October 18, 2010 (ML102910638), and October 22, 2010, with enclosures thereto (ML103010395);
  - C. Email dated November 12, 2010, with attachments (ML103510520); and,
  - D. Letter dated April 13, 2016 (ML16120A322).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 5/26/16By /RA/

Richard K. Struckmeyer  
Materials Safety Licensing Branch  
Division of Material Safety, State, Tribal,  
and Rulemaking Programs  
Office of Nuclear Material Safety  
and Safeguards  
Washington, DC 20555