

**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. STEP Analytics USA, Inc.</p> <p>2. 101 Bata Boulevard, Suite 102 Belcamp, Maryland 21017</p>	<p>In accordance with application dated March 19, 2015</p> <p>3. License number 19-23974-01E is amended in its entirety to read as follows:</p> <p>4. Expiration date January 31, 2022</p> <p>5. Docket No. 030-37898 Reference No. 030-36677</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen-3</p>	<p>7. Chemical and/or physical form</p> <p>A. Foil Sources (RITVERC GmbH Model BH 3.21)</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>
<p>9. Authorized use:</p> <p>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 the gas and aerosol detectors as specified in Condition 10 of this license to persons exempt from the requirements for a license under 10 CFR Part 30.20, or equivalent regulations of any Agreement State.</p>		

**CONDITIONS**

10. The following device containing byproduct material designed and manufactured in accordance with NRC Registration No. NR-1403-D-101-E, may be distributed according to this license provided the amount of hydrogen-3 contained in the device does not exceed the amount specified in the following table:

Device ModelMaximum Quantity Per Device

ENVI System

2.7 millicuries (100 MBq)

11. This license does not authorize possession or use of licensed material.
12. The licensee may distribute only from its facilities located at 101 Bata Blvd., Suite 102, Belcamp, Maryland.
13. The licensee shall file periodic reports as specified in 10 CFR 32.29.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
**19-23974-01E**Docket or Reference Number  
**030-37898**

Amendment No. 04

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. Letter dated March 19, 2015 (ML15085A106);  
B. Letter dated March 26, 2015 (ML15085A137).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: July 9, 2015By: /RA/

Shirley S. Xu  
Materials Safety Licensing Branch  
Division of Material Safety, State, Tribal  
and Rulemaking Programs  
Office of Nuclear Materials Safety  
and Safeguards  
Washington, DC 20555