

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 20

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.

<p style="text-align: center;">Licensee</p> <p>1. Cammenga and Associates, LLC</p> <p>2. 2011 Bailey Street Dearborn, MI 48124</p>		<p>In accordance with letter dated March 17, 2017.</p> <p>3. License No.: 21-26460-01 is amended in its entirety to read as follows:</p>	<p>4. Expiration Date: September 30, 2023</p> <p>5. Docket No.: 030-33009 Reference No.:</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen-3</p> <p>B. Hydrogen-3</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed sources (Mb-Microtec ag, Model 400/1)</p> <p>B. Sealed sources (Mb-Microtec ag, Model 400/3)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 5 millicuries per source and 2400 curies total</p> <p>B. 100 millicuries per source and 36000 curies total</p>	<p>9. Authorized use</p> <p>A. For installation in compasses, knives, gunsights and gun safeties in accordance with application dated August 29, 2013 and letter dated September 19, 2013 (Reference: Sealed Source and Device Registrations No. NR-0210-D-101-E and NR-0210-D-102-E). Also, for the receipt of compasses and watches incident to the removal of tritium sources for shipment to Mb-Microtec as described in application dated August 29, 2013 and letter dated September 19, 2013.</p> <p>B. Same as Item 9.A.</p>

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
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Docket or Reference Number
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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	9. Authorized use
C. Hydrogen-3	C. Sealed sources (Mb-Microtec ag, Model 400/1, 400/3 and 400/6)	C. 250 millicuries per source and 12500 curies total	C. Same as Item 9.A.
D. Hydrogen-3	D. Sealed sources (SRB Technologies, Model BH, MH and RH)	D. 250 millicuries per source and 50000 curies total	D. Same as Item 9.A.
E. Hydrogen-3	E. Sealed sources (Smolsys Ltd., Model 500/1, 500/3 and 500/7)	E. 250 millicuries per source and 50000 curies total	E. Same as Item 9.A.

CONDITIONS

- 10. Licensed material shall be used or stored only at the licensee's facilities located at 2011 Bailey Street, Dearborn, Michigan, 48124.
- 11. The Radiation Safety Officer (RSO) for this license is Deborah Spykerman.
- 12. Licensed material shall only be used by, or under the supervision of:

<u>Authorized User</u>	<u>Material and Use</u>
Deborah Spykerman	Hydrogen-3
Jessica Trevino	Hydrogen-3
Erica Bone	Hydrogen-3
- 13. This license does not authorize commercial distribution of licensed material.
- 14. The licensee shall not use the licensed material in or on humans.


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15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for three years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
16. Except as specifically provided otherwise in 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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. 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 March 26, 2013 (ML13087A703)
 - B. Application dated August 29, 2013 (ML13270A095)
 - C. Letter dated September 19, 2013 (ML13270A094)
 - D. Letter dated November 30, 2016 (ML16340B197)
 - E. Letter dated February 9, 2016 (ML17040A592)
 - F. Letter dated February 15, 2016 (ML17052A124)



FOR THE U. S. NUCLEAR REGULATORY COMMISSION

Date: JUN 20 2017By: 
Bryan A. Parker
Region III