



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF RADIOLOGICAL HEALTH**

William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15th Floor Nashville, Tennessee 37243
615-532-0364

RADIOACTIVE MATERIAL LICENSE

Amendment 10

Pursuant to Tennessee Department of Environment and Conservation Regulations, 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 radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations of the Tennessee Department of Environment and Conservation and orders of the Division of Radiological Health, now or hereafter in effect and to any conditions specified below.

| | | |
|---|--|--|
| LICENSEE | | 3. License Number |
| 1. Name | Savant Technologies, LLC | R-06016-E27 |
| 2. Address | 1520 Lauderdale Memorial Hwy NW Charleston, Tennessee 37310 | 4. Expiration Date |
| | | May 31, 2027 |
| | | 5. File No. |
| | | R-06016 |
| 6. Radioactive Material (Element and Mass Number) | 8. Chemical and/or physical form | 9. Maximum Radioactivity and/or quantity of material which licensee may possess at any one time. |
| SEE SUPPLEMENTARY SHEETS | | |

10. Authorized Use
SEE SUPPLEMENTARY SHEETS

CONDITIONS

11. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.

For the Commissioner
Tennessee Department of Environment and Conservation

Date of Issuance: October 20, 2020

By: _____

Division of Radiological Health
Ronald J. Parsons, Environmental Consultant



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S U P P L E M E N T A R Y S H E E T

| 6. Radioactive Material (Element and <u>Mass Number</u>) | 8. Chemical and/or <u>Physical Form</u> | 9. Maximum Radioactivity and/or Quantity of Material Which Licensee May <u>Possess at Any One Time</u> |
|---|---|---|
| A. Krypton 85 | A. Gas | A. Not to exceed 1 microcurie per device. Total not to exceed 20 millicuries. |

10. Authorized Use

- A. For receipt, possession, repackaging, shipment, transfer, storage, and preparation for disposal of licensed material contained in glow switches, arc tubes, lamps, and starter bottles, in accordance with statements, representations, and procedures contained in application dated April 24, 2017, with attachments.

Conditions (continued)

12. The licensee shall comply with applicable provisions of 0400-20-04, 0400-20-05, and 0400-20-10 of "State Regulations for Protection Against Radiation."
13. A. Radioactive material authorized by this license shall be used by, or under the supervision of, Mark Hernandez, Robbie Eskew, Jason Wingo, or other individuals who have completed training as specified in application dated April 24, 2017, with attachments.
- B. The Radiation Safety Officer for this license is Larry Mohar.
14. The licensee shall conduct a physical inventory every twelve (12) months to account for all sources and/or devices received and possessed under this license. Records of inventories shall be maintained for inspection by the Department.
15. The licensee shall maintain complete and accurate records of receipt and disposal of radioactive material. The licensee shall, for radioactive material no longer useful for any purpose and for any equipment or supplies contaminated with such material for which further use and decontamination is not planned, define those materials as radioactive waste and treat them as such in accordance with the following provisions:



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S U P P L E M E N T A R Y S H E E T

- A. Radioactive waste material shall not be stored with non-radioactive waste.
- B. A written record of all radioactive waste material shall be maintained until it has been determined by a suitable survey or radioassay that it has decayed to background levels or until it has been shipped to an authorized recipient in accordance with all applicable regulations. Accountability of radioactive waste material prepared for shipment but not yet shipped from the licensee's premises shall be maintained by the licensee by an internal record system such that the licensee is constantly aware of the material's location and the proposed time of shipment. Individuals who are involved in the shipping of such material and/or the storage of such material prior to shipment, shall be trained in the precautions necessary for such handling and storage.
- C. For material which has decayed to background levels as determined by radioassay or external level as measured with appropriately calibrated instruments, records shall indicate that the material was determined to be no longer radioactive and will indicate the methods and results of the survey or analysis.
- D. Shipment records of radioactive waste material shall be maintained and the licensee shall require written confirmation from the authorized recipient of such material that this material has been received.
- E. All records and written confirmations required by this condition shall be maintained for inspection by the Department.

The requirements for this condition are in addition to any other requirements for the handling and/or disposal of radioactive material contained in this license and "State Regulations for Protection Against Radiation."

- 16. No provision of this license relieves the licensee from compliance with other Federal, State and local laws, ordinances, and regulations applicable to the licensee's activities.
- 17. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 8, and 9 of this license in accordance with statements, representations, and procedures contained in the following:
 - Application dated April 24, 2017, with attachments
 - Letters dated April 24, 2017 (two letters with this date), May 8, 2020, with attachment, June 18, 2020, and October 16, 2020.