

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Name Velsicol Chemical Corporation 1199 Warford Street</p> <p>2. Address Memphis 8, Tennessee</p>	<p>In accordance with letter dated May 7, 1964,</p> <p>3. License number 41-6916-2 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date December 31, 1964</p> <hr/> <p>5. Reference No.</p>
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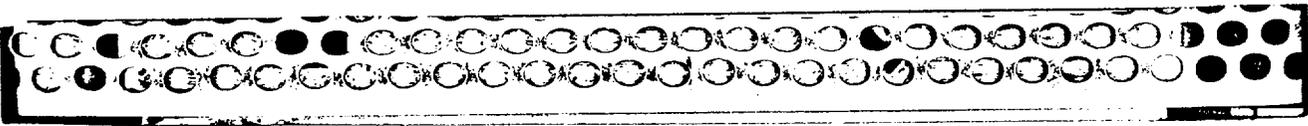
<p>6. Byproduct material (element and mass number)</p> <p>A. Cesium 137 B. Cesium 137</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed source (U. S. Radium Corp. Model LAB 236C1-6)</p> <p>B. Sealed source (Ohmart Corp. Model A-2102)</p>	<p>8. Maximum amount of radioactivity which licensee may possess at any one time</p> <p>A. 50 millicuries B. 100 millicuries</p>
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9. Authorized use
- A. To be used in Ohmart Corporation Model SHRM-P source holder for liquid density measurements in a pipeline.
 - B. To be used in Ohmart Corporation Model HM-8 source holder for liquid density measurements in a pipeline.

CONDITIONS

- 10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
- 11. The licensee shall comply with the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter 1, "Standards for Protection Against Radiation."
- 12. Byproduct material shall be used by, or under the supervision of, John W. Ponders.
- 13. Sealed sources containing byproduct material shall not be opened or removed from their respective source holders by the licensee.
- 14. A. Each sealed source containing byproduct material other than Hydrogen 3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, the sealed source shall not be put into use until tested.

(See Page 2)



A/3

CONDITIONS

14. continued

B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.

C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within five days of the test with the Director, Division of Materials Licensing, U. S. Atomic Energy Commission, Washington, D. C., 20545, describing the equipment involved, the test results, and the corrective action taken. A copy of such report shall also be sent to the Director, Region II, Division of Compliance, USAEC, 50 Seventh Street, Northeast, Atlanta 23, Georgia.

15. Installation, relocation, maintenance, repair, and initial radiation survey of devices containing byproduct material and leak testing, installation, replacement, and disposal of sealed sources containing byproduct material used in devices shall be performed only by the Ohmart Corporation or by other persons specifically authorized by the Commission to perform such services.

16. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct material described in Items 6, 7 and 8 of this license in accordance with statements, representations and procedures contained in application dated November 21, 1962.

For the U. S. Atomic Energy Commission

Original Signed by
Robert E. Brinkman

Isotopes Branch
by Division of Materials Licensing

~~Division of Licensing and Regulation~~
Washington 25, D. C.

Date JUN 8 1964

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REB 6/8/64