

U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE

Page 1 of 3 Pages

Amendment No. 02

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 1, Parts 30, 31, 32, 33, 34, 35, 36, 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); and to import such byproduct and source material. 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.

Licensee		In accordance with application dated July 14, 1980,
1. Froedtert Malt Corporation		3. License number 48-16638-01 is amended as follows:
2. 3830 West Grant Street Milwaukee, Wisconsin 53215		4. Expiration date August 31, 1985
		5. Docket or Reference No.
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
A. Cesium-137	A. Sealed source (Ohmart Model No. A-5771)	A. No single source to exceed 35 millicuries
9. Authorized use		
A. To be used in Ohmart Corporation Model SHRM source holder as part of Model BW gauge for measurement of belt loading.		

CONDITIONS

10. Licensed material shall be used only at Froedtert Corporation, 3830 West Grant Street, Milwaukee, Wisconsin and at Froedtert Corporation, Winona, Wisconsin.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision of, Duane D. Strupp, James J. Schmitz, John R. Crozier or Loren Fimian.

8508220399 850725
REG3 LIC30
48-16638-01 PDR

MATERIALS LICENSE

Supplementary Sheet

License Number 48-16638-01

Docket or

Reference No. _____

Amendment No. 02

Continued from Page 1

CONDITIONS

13. A(1) Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed three years. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.
- A(2) The periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer.
- 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 (5) days of the test with the U. S. Nuclear Regulatory Commission, Region III, Office of Inspection and Enforcement, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, describing the equipment involved, the test results, and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
14. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.

U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE
Supplementary Sheet

Page 3 of 3 Pages

License Number 48-16638-01

Docket or
Reference No. _____

Amendment No. 02

Continued from Page 2

CONDITIONS

15. Installation, initial radiation survey of devices, relocation, maintenance, repair, and removal from service of the devices containing licensed material and installation, replacement, and disposal of sealed sources containing licensed material used in the devices shall be performed only by manufacturer or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
16. The licensee shall conduct a physical inventory every six (6) months to account for all licensed material received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of by-product material, location of sealed sources, and the date of the inventory.
17. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6., 7., and 8. of this license in accordance with statements, representations, and procedures contained in application dated July 14, 1980. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

*This license is good for as many years
as we want as per Pat Vachon 12/13/83*

Rune Shopp

Date AUG 7 1980

1-312-790-5522

For the U. S. Nuclear Regulatory Commission

Samuel J. Pearsall
by Material Licensing Branch

Division of Fuel Cycle and
Material Safety
Washington, D.C. 20555

CONTROL NO. 7 930.1

The Ohmart Corporation
4241 Allendorf Drive • Cincinnati, Ohio 45209
Phone (513) 272-0131 • TWX 810 461-2255

Froedtert Malt Corp
P. O. Box 712
Milwaukee, WI 53201

ATTN: D. D. Strupp



Wipe Test Kit

Kit No.	Date
1497	09-29-82
Customer P.O. No.	
66155	

FILE

Caution: This kit is to be used only for the source holder described below. The information below appears on the metallic label on the actual OHMART source holder. Supply similar information if holder not OHMART.

S.O. No.	Isotope	Serial No.	m.C.I.	Source Holder
32386K	Cs-137	2538	35	2-House

Date Shipped	User Identification	Other
	FROEDTERT MALT	

Date of Test	Tested By (Tester's Signature)
10/15/82	W. W. Strupp

This kit is to be used only by those whose license permit them to perform wipe tests. (Per CFR-10 Part 20)

OHMART ANALYSIS

The following are analysis results:

Source is OK <input checked="" type="checkbox"/> (Activity less than 0.005 μ Ci)	<input type="checkbox"/> Rewipe Required	<input type="checkbox"/> Defective
--	--	------------------------------------

CPM: 52

R. Butler
Tested By/Authorized Signat

10-21-82
Date

The Ohmart Corporation
4241 Allendorf Drive • Cincinnati, Ohio 45209
Phone (513) 272-0131 • TWX 810 461-2255



Wipe Test Kit

Kit No.	Date
1497	09-29-82
Customer P.O. No.	
66155	

FILE

Froedtert Malt Corp
P. O. Box 712
Milwaukee, WI 53201

ATTN: D. D. Strupp

Caution: This kit is to be used only for the source holder described below. The information below appears on the metallic label on the actual OHMART source holder. Supply similar information if holder not OHMART.

S.O. No.	Isotope	Serial No.	m.C.I.	Source Holder
32386K	Cs-137	2538	35	3 HOUSE

Date Shipped	User Identification	Other
	FROEDTERT MALT	

Date of Test	Tested By (Tester's Signature)
10/15/82	<i>[Signature]</i>

This kit is to be used only by those whose license permit them to perform wipe tests. (Per CFR-10 Part 20)

OHMART ANALYSIS

The following are analysis results:

Source is OK <input checked="" type="checkbox"/> (Activity less than 0.005 μ Ci)	<input type="checkbox"/> Rewipe Required	<input type="checkbox"/> Defective
--	--	------------------------------------

CPH: 71

R. Butler
Tested By/Authorized Signature

10/21/82
Date

CONTROL NO. 79301