

U. S. ATOMIC ENERGY COMMISSION  
BYPRODUCT MATERIAL LICENSE

Amendment No. 01

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 32, 33, 34 and 35, 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.

Licensee		In accordance with application dated July 25, 1968,
1. The Harshaw Chemical Company		3. License number 34-06558-06 is reissue in its entirety to read as follows:
2. 1945 East 97th Street Cleveland, Ohio 44106		4. Expiration date August 31, 1973
		5. Reference No.
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioac- tivity which licensee may possess at any one time
A. Hydrogen 3	A. Titanium Tritide foils (U.S. Radium Model LAB 508-1)	A. 2 foils of 250 millicuries each
9. Authorized use		
A. To be used with Wilkens detector cells for gas chromatography.		

## CONDITIONS

10. Byproduct material may only be used at 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, Harry Richard Garner.

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PDR FOIA  
BABCOCK96-529 PDR

## BYPRODUCT MATERIAL LICENSE

Supplementary Sheet

License Number 34-06558-

Amendment No. 01

(continued)

## CONDITIONS

13. Detector cells containing Hydrogen 3 foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.
14. 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 May 9, 1966.

Date AUG 6 1968

For the U. S. Atomic Energy Commission

Original Signed By  
Robert E. Brinkmanby Isotopes Branch  
Division of Materials Licensing  
Washington, D. C. 20545

REN

REP/cock

LICENSE CONTROL FORM

*June approval*

18. APPLICANT <b>The Harshaw Chemical Company</b>			01. PROG. CODE <b>614</b>	03. LICENSE NO. <b>34-06558-06</b>	06. AMDT. <b>01</b>	09. TASK NO. <b>04327</b>	12. CONTROL NO. <b>04327</b>
21. STREET OR BUILDING <b>1945 East 97th Street</b>			63. ASG TO <b>REB</b>	42. PURPOSE OF TASK IN FIELD 09* <b>Amendment</b>			
24. CITY OR POST OFFICE <b>Cleveland</b>	27. STATE <b>OH</b>	30. ZIP <b>44106</b>	33. DATE REC'D YEAR MO DAY <b>68 07 30</b>		36. DATE ISSUED YEAR MO DAY <b>68 08 06</b>		39. EXPIRATION DATE YEAR MO DAY <b>73 8 31</b>
57. FORM OF THE COMMUNICATION FROM APPLICANT ( ) LETTER ( ) APPLICATION DATED:							YEAR MO DAY <b>68 7 25</b>

BYPRODUCT	CHEMICAL OR PHYSICAL FORM	POSS. LIMIT
	<p><i>copy license</i></p> <p><i>August 31, 1973</i></p>	

MAIL TO: <i>Smith</i>	DATE MAILED: <b>AUG 6 1968</b>	REVIEWER: <i>RH</i>	DATE COMPLETED: <b>8/6/68</b>
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# LICENSE CONTROL FORM

18. APPLICANT <b>The Harshaw Chemical Company</b>			01. PROG. CODE <b>614</b>		03. LICENSE NO. <b>34-06558-06</b>		06. A.D.T. <b>02</b>		09. TASK NO. <b>10424</b>		12. CONTROL NO. <b>10424</b>	
21. STREET OR BUILDING <b>1945 East 97th Street</b>			63. ASG TO <b>REB</b>		42. PURPOSE OF TASK IN FIELD 09* <b>Amendment</b>							
24. CITY OR POST OFFICE <b>Cleveland</b>		27. STATE <b>OHIO</b>		30. ZIP <b>44106</b>		33. DATE REC'D YEAR MO DAY <b>69 06 02</b>		36. DATE ISSUED YEAR MO DAY		39. EXPIRATION DATE YEAR MO DAY		
57. FORM OF THE COMMUNICATION FROM APPLICANT						( ) LETTER ( ) APPLICATION DATED:			YEAR MO DAY			
BYPRODUCT		CHEMICAL OR PHYSICAL FORM						POSS. LIMIT				
<p><i>Void.</i> <i>Combined with</i> <i>10 393</i></p>												
MAIL TO:				DATE MAILED:		REVIEWER: <b>RJS</b>		DATE COMPLETED: <b>7/3/69</b>				