


<b>NRC FORM 7</b> (02-2016) 10 CFR 110		<b>U. S. NUCLEAR REGULATORY COMMISSION</b>		<b>APPROVED BY OMB: NO. 3150-0027</b>		<b>EXPIRES: 11/30/2018</b>	
				Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollections.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.			
<b>APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S)</b> <i>(See Instructions on Pages 4 and 5)</i>		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED <b>JAN 05 2017 SF</b>			
PART A. FOR NRC USE ONLY		LICENSE NUMBER <b>XSOU8841</b>		DOCKET NUMBER <b>11006252</b>		ADAMS ACCESSION NUMBER	
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS</b> (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)							
1. NAME AND ADDRESS OF APPLICANT/LICENSEE  Materion Advanced Chemicals, Inc. 407 North 13th Street Milwaukee, WI 53233		1a. NAME OF APPLICANT'S CONTACT Noreen Atkinson		1b. APPLICANT'S REFERENCE NUMBER XSOU8841		1c. PHONE NUMBER (414) 289-9800	
		1d. FAX NUMBER (414) 289-9805		1e. E-MAIL ADDRESS noreen.atkinson@materion.com			
2. TYPE OF ACTION REQUESTED (Check One)							
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)		<input type="checkbox"/> AMENDMENT/RENEWAL Current License Number:		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:	
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE 01/01/2017		5. LAST SHIPMENT DATE 12/31/2026		6. PROPOSED EXPIRATION DATE 01/01/2027	
<b>PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS</b> (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)							
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT Materion Advanced Chemicals, Inc. 407 N. 13th Street Milwaukee, WI 53233		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) Beijing Y-Axis International Trade Co. A315-316 Country Building, No. 1 Zuojiashuang Road Chaoyang District, Beijing China		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) SanHe Reci Laser Equipment Co., Ltd Yanjiao Development Zone Langfang City Hebei, CN 065201 China			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Manufacture and Exporter		8a. INTERMEDIATE USE(S) Agent for transport purposes only		9a. ULTIMATE END USE(S) Non-nuclear end users			
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT  Material is used to coat filter for use with CO2 lasers. CO2 lasers are used in engraving and marking. Thorium contained 4,000 kgs of Thorium fluoride				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 3013.2 kg		10b. MAX ENRICHMENT OR WGT % 75.33%	
						10c. MAX ISOTOPE WGT (KG) 3013.2 kg	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)							

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**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)**

LICENSE NUMBER <b>X50U8841</b>	DOCKET NUMBER <b>11004252</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC    OR <input type="checkbox"/> NON-PUBLIC
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**PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)
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12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)
13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)	


15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)
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16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S)**

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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**18. CERTIFICATION:**    I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Nathaniel E. Blaz Plant Manager	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 10/19/16
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)



ADVANCED CHEMICALS  
407 N. 13<sup>th</sup> St. Milwaukee, WI 53233  
414.289.9600 www.materion.com

December 9, 2016

Stanley Z. Freeman II  
Licensing Assistant  
Export Controls and Nonproliferation Branch  
Office of International Programs  
Washington, D.C. 20555-0001

Dear Mr. Freeman:

Enclosed, is the additional payment of \$6,800.00 to allow the review continuation of the 10316-RECI license application as requested in your November 23, 2016 e-mail. If you need any further information, please feel free to contact me.

Sincerely Yours,

A handwritten signature in cursive script that reads 'Noreen S. Atkinson'.

Noreen S. Atkinson  
EHS Manager