

NRC FORM 7
(02-2016)
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 11/30/2018

**APPLICATION FOR NRC EXPORT OR IMPORT
LICENSE, AMENDMENT, RENEWAL,
OR CONSENT REQUEST(S)**
(See Instructions on Pages 4 and 5)

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, NEOB-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.

PART A. FOR NRC USE ONLY
☒ PUBLIC OR ☐ NON-PUBLIC

DATE RECEIVED

DEC 05 2016 SF

LICENSE NUMBER

XSOU8774/00

DOCKET NUMBER

11005173

ADAMS ACCESSION NUMBER

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS
(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

XSOU8774-Renewal

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)

EXPORT
(Parts B, C, E)IMPORT
(Parts B, D, E)AMENDMENT/RENEWAL
Current License Number: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

PART C. TO BE COMPLETED FOR EXPORT 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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS
AND/OR OTHER PARTIES TO THE EXPORT

Materion Advanced Chemicals, Inc.
407 North 13th Street
Milwaukee, WI 53233

8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE
FOREIGN CONSIGNEE(S)

New Metals and Chemical Corp.
Kyobashi TD Building
5F 2-5, 1-chrome
Kyobashi, Chuo-ku
Tokyou, 104-0031
Japan

9. NAME(S) / ADDRESS(ES) OF ULTIMATE
FOREIGN CONSIGNEE(S)

See Attached Sheet

7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED

Manufacturer and Exporter

8a. INTERMEDIATE USE(S)

Agent for transport purposes only

9a. ULTIMATE END USE(S)

Non-nuclear end uses

10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES,
NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR
NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF
EQUIPMENT FOR EXPORT

Thorium contained in 60,000 kgs of Thorium oxides, nitrates,
fluorides and other thorium compounds in granular form.

10a. MAX TOTAL VOLUME /
ELEMENT WGT (KG), OR
TOTAL ACTIVITY (TBq)

50,000 kgs

10b. MAX ENRICHMENT
OR WGT %

87.8%

10c. MAX ISOTOPE
WGT (KG)

50,000 kgs

11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

n/a

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

LICENSE NUMBER X5048774/04	DOCKET NUMBER 11005173	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)
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	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)

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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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 10/21/16

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U. S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER X50W8774/06	DOCKET NUMBER 11005173	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

1. Toshiba Materials Co., Ltd.
8, Shin Sugita-Cho, Isogo-Ku
Yokohama City
Kanagawa Prefecture 235-8522
Japan

(Ultimate End Use - Material will be used for TIG welding, a material in electrodes for electric discharging lamps, and coil for microwave magnetrons [non-nuclear end use]).

2. Lighting Company
Matsuhita Electronics Industrial Co., Ltd.
1-1 Saiwai-Cho
Takatsuke City
Osaka Prefecture 569-1193
Japan

(Ultimate End Use - Material will be used in the production of thoriated tungsten rods [non-nuclear end use]).

3. Sumitomo Electric Industries, Ltd.
1-3-3 Shimaya, Konohana-Ku
Osaka City
Osaka Prefecture, 554-0024
Japan

(Ultimate End Use - Material will be used for AR coating for CO2 laser optics [non-nuclear end use]).

4. GS Yuasa Lighting, Ltd.
1, Inobaba-Cho, Nishinosho, Kisshoin
Minami-Ku
Kyoto City, 601-8520

(Ultimate End Use - Material will be used in the production and R&D for various kinds of discharge lamps [non-nuclear end use]).

5. Kishida Chemical Co., Ltd.
1-22 Honchobashi, Chou-ku
Osaka City
Osaka Prefecture, 540-0029
Japan

(Ultimate End Use - Material will be used to quantitatively analyze for fluorine constituent in hydrogen fluoride and other fluorides [non-nuclear end use]).