


NRC FORM 7 (11-2012) 10 CFR 110		 U. S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: (11/30/2015)	
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (See Instructions on Pages 4 and 5)							
PART A. FOR NRC USE ONLY			<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC			DATE RECEIVED JUL 15 2014 <i>Rec'd JC</i>	
LICENSE NUMBER XMAT 429/01			DOCKET NUMBER 11006116			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 Matheson Tri Gas, Inc. 6775 Central Ave Newark, CA 94560 Attn: Karon Giovannoni			1a. NAME OF APPLICANT'S CONTACT Karon Giovannoni		1b. APPLICANT'S REFERENCE NUMBER MGP0113-TNST0114		
			1c. PHONE NUMBER (510) 996-5769		1d. FAX NUMBER (510) 790-6241		
			1e. E-MAIL ADDRESS kgiovannoni@mathesongas.com				
2. TYPE OF ACTION REQUESTED (Check One)							
<input type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)		<input checked="" type="checkbox"/> AMENDMENT/RENEWAL Current License Number: XMAT429		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:	
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE 9-1-14		5. LAST SHIPMENT DATE 9-1-19		6. PROPOSED EXPIRATION DATE 12/31/2018	
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 MATHESON TRI GAS, INC 1650 Enterprise Parkway Twinsburg, OH 44087 USA MATHESON TRI GAS, INC 200 Matheson Gas Co. Lane New Johnsonville, TN 37314 USA			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) MATHESON GAS PRODUCTS KOREA 91-1 Samgeo-ri Umbong-myun Asan-si, Chungnam, Korea 336-864			9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) SK HYNIX San 136-1 Ami-ri Bubal-eup, Lcheon-si, Gyeonggi-do, Korea SAMSUNG 416 Maetan 3-dong, Yeongtong-gu, Suwon-si Gyeonggi-do, Korea	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Shipping Supplier Locations			8a. INTERMEDIATE USE(S) Storage until resold			9a. ULTIMATE END USE(S) Semiconductor Devices	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT CYLINDER COUNT TO VARY (I.E. 5000 L thu 7000 7400 L) Deuterium (Heavy Hydrogen) CAS 7782-39-0				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 2800 Kg		10b. MAX ENRICHMENT OR WGT % 99.8%	10c. MAX ISOTOPE WGT (KG) 99.8%
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) We currently do not have any obligation, we are anticipating new business that will exceed a general license. JUL 15 2014 <i>Rec'd JC</i>							

NRC FORM 7
(11-2012)
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <i>XMAT 429/01</i>	DOCKET NUMBER <i>11006116</i>	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) <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)
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 checked="" type="checkbox"/> YES <input 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 KARON GIOVANNONI Matheson Tri Gas, Inc. Trade Compliance Mgr.	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE <i>7-1-14</i>

JUL 15 2014
Rec'd JC

NRC FORM 7
(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER XMAT 429/01	DOCKET NUMBER 11006116	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)

Request to amend current license XMAT429 Docket# 11006116 for the following reasons:**Block 8 - Add new Intermediate Consignee****Taiyo Nippon Sanso Taiwan Inc (TNST)****4f-1-No 25 Pu-Ding Rd.****HSIN-CHU SHIH****HSINCHU, TAIWAN****Block 8a Intermediate use****Storage until resold****Block 9 - Add new Ultimate Foreign Consignees****Taiwan Semiconductor Mfg. Company Ltd. (TSMC)****No. 8, Li-Hsin Road VI****HSINCHU SCIENCE PARK, HSINCHU TAIWAN****300-78, R.O.C.****United Microelectronics Corp. (UMC)****No. 3, Li-Hsin 2nd Road****HSINCHU SCIENCE PARK, HSINCHU TAIWAN****300-78, R.O.C.**

JUL 15 2014

Rec'd
JC**Block 9a Ultimate End Use****Semiconductor Devices****Block 6 - requesting to extend the expiration date from December 31, 2016 to December 31, 2018****Block 10-Increase total volume from 2400 kg to 2800 kg to accomodate the additional ultimate consignees.**