


<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>		
<b>APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S)</b> (See Instructions on Pages 4 and 5)								
<b>PART A. FOR NRC USE ONLY</b>			<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC			DATE RECEIVED 10-26-17		
LICENSE NUMBER XMAT 439			DOCKET NUMBER 11006281			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  MATHESON TRI-GAS, INC. 909 LAKE CAROLYN PKWY., STE 1300 IRVING, TX 75039			1a. NAME OF APPLICANT'S CONTACT SCOTT DUFF		1b. APPLICANT'S REFERENCE NUMBER MTG-TNSS04102017			
			1c. PHONE NUMBER (972) 560-5643		1d. FAX NUMBER (972) 501-9549			
			1e. E-MAIL ADDRESS sduff@mathesongas.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) N/A		4. FIRST SHIPMENT DATE 10/11/2017		5. LAST SHIPMENT DATE 10/12/2020		6. PROPOSED EXPIRATION DATE 10/12/2020		
<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 MATHESON TRI-GAS, INC. 1700 SCEPTER ROAD NEW JOHNSONVILLE, TN 37314			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) TAIYO NIPPON SAN SO TRADING (SHANGHAI) CO., LTD. 3F, No.2 BUILDING BAOWU TOWER 1859 EXPO BOULEVARD SHANGHAI, P.R. CHINA 200126 DORIS YANG doris@tn-sgas.com TEL:86-21-5835-8700 X503 FAX:86-21-5835-8778			9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) UNITED SEMICONDUCTOR(XIAMEN) CO., LTD. NO.899 WAN JIA CHUN ROAD. XIANG'AN DISTRICT XIAMEN, P.R. CHINA 361101		
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED SUPPLYING DEUTERIUM GAS			8a. INTERMEDIATE USE(S) DISTRIBUTION			9a. ULTIMATE END USE(S) INTEGRATED CIRCUIT PRODUCTION		
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT DEUTERIUM GAS				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 600 KGS		10b. MAX ENRICHMENT OR WGT % >=99.8%	10c. MAX ISOTOPE WGT (KG) 600 KGS	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) FOR NON-NUCLEAR END USE IN SEMICONDUCTOR DEVICES								

NRC FORM 7  
(02-2016)  
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <b>XMAT 439</b>	DOCKET NUMBER <b>11006281</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
-----------------------------------	----------------------------------	------------------------	---

**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 type="checkbox"/> YES <input checked="" 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 Scott Duff Director of Logistics, Distribution	18b. SIGNATURE – AUTHORIZED OFFICIAL 	18c. DATE 10-16-17
---	--	-----------------------