

NRC FORM 7 (8-2007) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 06/30/2009	
<p style="text-align: center;">APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL</p> <p style="text-align: center;">(See Instructions on Page 5)</p>							
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED <div style="font-size: 1.2em; font-weight: bold;">JUL 18 2016</div>			
LICENSE NUMBER <div style="font-size: 1.2em; font-weight: bold; color: blue;">XMAT415/02</div>		DOCKET NUMBER <div style="font-size: 1.2em; font-weight: bold; color: blue;">11005907</div>		ADAMS ACCESSION NUMBER			
<p style="text-align: center;">PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS</p> <p style="text-align: center;">(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</p>							
1. NAME AND ADDRESS OF APPLICANT/LICENSEE LINDE ELECTRONICS AND SPECIALTY GASES, A DIVISION OF LINDE GAS NORTH AMERICA LLC. 200 SOMERSET CORPORATE BLVD SUITE 7000		1a. NAME OF APPLICANT'S CONTACT <div style="text-align: center; font-weight: bold;">REBECCA DABKOWSKI</div>		1b. APPLICANT'S REFERENCE NUMBER			
		1c. PHONE NUMBER <div style="text-align: center; font-weight: bold;">(908) 329-9742</div>		1d. FAX NUMBER <div style="text-align: center; font-weight: bold;">(908) 329-9740</div>			
		1e. E-MAIL ADDRESS <div style="text-align: center; font-weight: bold;">REBECCA.DABKOWSKI@LINDE.COM</div>					
2. TYPE OF ACTION REQUESTED (Check One) <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> EXPORT (Parts B, C, E) </div> <div> <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) </div> <div> <input type="checkbox"/> IMPORT (Parts B, D, E) </div> <div> <input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) </div> <div> <input checked="" type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: <div style="text-align: center; font-weight: bold; border-bottom: 1px solid black;">XMAT415</div> </div> </div>							
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE <div style="text-align: center; font-weight: bold;">03/01/2010</div>		5. LAST SHIPMENT DATE		6. PROPOSED EXPIRATION DATE <div style="text-align: center; font-weight: bold;">12/31/2021</div>	
<p style="text-align: center;">PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS</p> <p style="text-align: center;">(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</p>							
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT <div style="text-align: center; font-weight: bold;">NO CHANGE</div>		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) <div style="text-align: center; font-weight: bold;">NO CHANGE</div>		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) <div style="text-align: center; font-weight: bold;">NO CHANGE</div>			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED <div style="text-align: center; font-weight: bold;">FORWARDER/CARRIER</div>		8a. INTERMEDIATE USE(S) <div style="text-align: center; font-weight: bold;">WAREHOUSE/RESALE</div>		9a. ULTIMATE END USE(S) <div style="text-align: center; font-weight: bold;">SEE ADDL INFORMATION</div>			
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT <div style="text-align: center; font-weight: bold;">2H2/D2, DEUTERIUM GAS, ISOTOPE OF HYDROGEN</div>		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) <div style="text-align: center; font-weight: bold;">1 MOLE= 0.004032 KG & 5988 L/KG GAS (TOTAL VOL IN ADDL INFO)</div>		10b. MAX ENRICHMENT OR WGT % <div style="text-align: center; font-weight: bold;">99.99%</div>		10c. MAX ISOTOPE WGT (KG) <div style="text-align: center; font-weight: bold;">N/A</div>	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)							

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U.S. NUCLEAR REGULATORY COMMISSION


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

LICENSE NUMBER XMAT415/02	DOCKET NUMBER 11005407	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 ONLY, OR COMBINED 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 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, OR RENEWALS

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 REBECCA DABKOWSKI EXPORT COMPLIANCE NORTH AMERICA	18b. SIGNATURE -- AUTHORIZED OFFICIAL 
	18c. DATE 06/29/2016

JUL 18 2016

Rec'd

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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER

XMAT415/02

DOCKET NUMBER

11005907

ADAMS ACCESSION NUMBER



PUBLIC

OR



NON-PUBLIC

ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

AMENDMENT #2 -**UPDATE CORPORATE ADDRESS****EXTEND VALIDITY PERIOD****INCREASE VOLUME****COMPLETE ADDRESS FROM BLOCK 1:**

**LINDE ELECTRONICS AND SPECIALTY GASES,
A DIVISION OF LINDE GAS NORTH AMERICA LLC.
200 SOMERSET CORPORATE BLVD SUITE 7000
BRIDGEWATER NJ 08807**

INCREASE LICENSE VALIDITY PERIOD TO 12/31/2021**INCREASE VOLUME BY 50,000,000 LITERS OR 8350 KG OF DEUTERIUM GAS.**

JUL 18 2016

Rec'd SF