

NRC FORM 7  
(8-2007)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

# APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL

(See Instructions on Page 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 Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects@nrc.gov](mailto:infocollects@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

JUN 19 2012

LICENSE NUMBER

XMAT 415/01

DOCKET NUMBER

11005907

ADAMS ACCESSION NUMBER

## PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS

(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

**LINDE ELECTRONICS AND SPECIALTY  
GASES, A DIVISION OF LINDE GAS  
NORTH AMERICA LLC.  
575 MOUNTAIN AVE  
MURRAY HILL NJ 07974**

1a. NAME OF APPLICANT'S CONTACT

**REBECCA DABKOWSKI**

1b. APPLICANT'S REFERENCE NUMBER

1c. PHONE NUMBER

**(908) 329-9742**

1d. FAX NUMBER

**(908) 329-9740**

1e. E-MAIL ADDRESS

**REBECCA.DABKOWSKI@LINDE.COM**

2. TYPE OF ACTION REQUESTED (Check One)

☐ EXPORT  
(Parts B, C, E)

☐ NOTIFICATION OF  
EXPORT OF  
INCIDENTAL  
RADIOACTIVE  
MATERIAL (PART C, E)

☐ IMPORT  
(Parts B, D, E)

☐ COMBINED EXPORT/IMPORT  
(Parts B, C, D, E)

☒ AMENDMENT/RENEWAL  
Existing License Number:

**XMAT415**

3. CONTRACT NUMBER(S)

4. FIRST SHIPMENT DATE

**03/01/2010**

5. LAST SHIPMENT DATE

**12/31/2016**

6. PROPOSED EXPIRATION DATE

**12/31/2016**

## PART C. TO BE COMPLETED FOR EXPORT 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.)

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

**SEE ADDITIONAL  
INFORMATION**

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

**SEE ADDITIONAL  
INFORMATION**

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

**SEE ADDITIONAL  
INFORMATION**

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

**FORWARDER/CARRIER**

8a. INTERMEDIATE USE(S)

**WAREHOUSE/RESALE**

9a. ULTIMATE END USE(S)

**SEE ADDL INFORMATION**

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

**2H2/D2, DEUTERIUM GAS, ISOTOPE OF  
HYDROGEN**

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

**1 MOLE= 0.004032  
KG & 5988 L/KG GAS  
(TOTAL VOL IN  
ADDL INFO)**

10b. MAX ENRICHMENT  
OR WGT %

**99.99%**

10c. MAX ISOTOPE  
WGT (KG)

**N/A**

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

*Rec'd JUN 19 2012*

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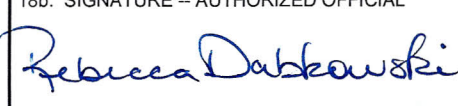
LICENSE NUMBER <b>XMAT 415/01</b>	DOCKET NUMBER <b>11005907</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC    OR <input type="checkbox"/> NON-PUBLIC
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### PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, 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
<b>18. CERTIFICATION:</b> 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  <b>REBECCA DABKOWSKI EXPORT COMPLIANCE NORTH AMERICA</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL  
18c. DATE  <b>06/15/2012</b>	

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JMS

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**APPLICATION FOR NRC EXPORT/IMPORT  
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

**AMENDMENT #1 - INCREASE AMOUNT OF PRODUCT.**

**END USER IS ADDING SECOND LINE AND INCREASING OUTPUT. NEW REQUIREMENT IS 12,000,000 LITERS PER YEAR OR 2004 KG. TOTAL REQUESTED FOR LICENSE PERIOD 15,000 KG**

**INCREASE LICENSE VALIDITY PERIOD TO 12/31/2017**

**NO OTHER CHANGES REQUESTED**

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