

NRC FORM 7 (3-2010) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027 <small>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 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.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.</small>		EXPIRES: 08/31/2012	
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL <i>(See Instructions on Page 5)</i>							
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-family: cursive;">7-17-12</div>			
LICENSE NUMBER <div style="font-size: 1.2em; font-family: cursive;">XMAT 413/01</div>		DOCKET NUMBER <div style="font-size: 1.2em; font-family: cursive;">11005877</div>		ADAMS ACCESSION NUMBER			
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS <small>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</small>							
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 1c. PHONE NUMBER <div style="text-align: center;">(908) 329-9742</div> 1e. E-MAIL ADDRESS <div style="text-align: center;">REBECCA.DABKOWSKI@LINDE.COM</div>		1b. APPLICANT'S REFERENCE NUMBER <div style="text-align: center;">RDI0610</div> 1d. FAX NUMBER <div style="text-align: center;">(908) 329-9740</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 <small>(Parts B, C, E)</small> </div> <div> <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) </div> <div> <input type="checkbox"/> IMPORT <small>(Parts B, D, E)</small> </div> <div> <input type="checkbox"/> COMBINED EXPORT/IMPORT <small>(Parts B, C, D, E)</small> </div> <div> <input checked="" type="checkbox"/> AMENDMENT/RENEWAL <small>Existing License Number:</small> <div style="text-align: center; border-bottom: 1px solid black; width: 100px;">XMAT413</div> </div> </div>							
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE <div style="text-align: center;">03/05/2012</div>		5. LAST SHIPMENT DATE <div style="text-align: center;">12/30/2015</div>		6. PROPOSED EXPIRATION DATE <div style="text-align: center;">12/31/2015</div>	
PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS <small>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</small>							
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) BOC INDIA LIMITED OXYGEN HOUSE P43 TARATALA RD KOLKATA 700088 II BOC INDIA LIMITED TALOJA NEW SGC MIDC INDUSTRIAL AREA NAVI MUMBAI 410208 II		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) BLENDING MIXTURES		9a. ULTIMATE END USE(S) FIBER OPTIC PROCESSING			
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 % <div style="text-align: center;">99.99%</div>		10c. MAX ISOTOPE WGT (KG) <div style="text-align: center;">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 XMat 413/01	DOCKET NUMBER 11005877	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 MANAGER	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Rebecca Dabkowski</i>
18c. DATE 07/14/2012	

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

LICENSE NUMBER <i>X Mat 4/3/01</i>	DOCKET NUMBER <i>11005877</i>	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)

CHANGE REQUEST TO ADD ADDITIONAL INTERMEDIARY CONSIGNEE, ADDITIONAL END USER, AND TO INCREASE TOTAL LICENSE VOLUME.

**BLOCK 7 - FREIGHT FORWARDER/CARRIERS
NO CHANGES**

**BLOCK 8a - CHANGE TO ADD ADDITIONAL INTERMEDIARY:
BOC INDIA WILL MANUFACTURE D2 BLENDS. PRAXAIR WILL DISTRIBUTE TO CORNING**

**PRAXAIR INDIA PVT LIMITED
SPECIALTY GAS PLANT, SIPCOT INDUSTRIAL PARK
PLOT NO F-17 SRIPERUMBUDUR INDIA**

**BLOCK 9 - END USERS
CHANGE TO ADD ADDITIONAL END USER:**

**CORNING TECHNOLOGIES INDIA PVT LTD
PLOT NO B-70, CHAKAN PHASE-2
CHAKAN MIDC - PUNE MAHARASHTRA INDIA**

BLOCK 9a - ALL END USERS ARE USING THE MIXTURES TO TO PROCESS FIBER OPTIC CABLE WHICH DISPLACES ANY MOISTURE AND INCREASES BANDWIDTH IN THE CABLE.

TOTAL D2 GAS REQUESTED FOR ALL END USERS FOR 5 YEAR PERIOD 7,000,000 LITERS NTP OR 1170 KG

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