


NRC FORM 7 (07-2019) 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 Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOF-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: 02/28/2022	
		APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) <i>(See Instructions on Pages 4 and 5)</i>					
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> Public OR <input type="checkbox"/> Non-Public		Date Received December 9, 2020			
License Number XMAT415/04		Docket Number 11005907		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 LINDE ELECTRONICS AND SPECIALTY GASES, A DIVISION OF LINDE GAS NORTH AMERICA LLC. 10 RIVERVIEW DRIVE, DANBURY, CT 06810		1a. Name of Applicant's Contact Jim McNamara		1b. Applicant's Reference Number 415.03			
		1c. Office Telephone Number 716-879-2389		1d. Office Facsimile Telephone Number 716-879-2344			
		1e. Applicant's E-mail Address Jim.McNamara@Linde.com					
2. Type of Action Requested (Check one)		<input type="checkbox"/> Export (Parts B, C, E) <input checked="" type="checkbox"/> Amendment/Renewal		Current License Number: XMAT415/03			
		<input type="checkbox"/> Import (Parts B, D, E) <input type="checkbox"/> Consent Request (Parts B, C)		Current License Number:			
3. Contract Number(s)				4. First Shipment Date 01/04/2011	5. Last Shipment Date 12/31/2021	6. Proposed Expiration Date 12/31/2021	
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 U. S. Suppliers and/or other U. S. Parties to the Export No Change		8. Name(s)/Address(es) of Intermediate Foreign Consignee(s) No Change		9. Name(s)/Address(es) of Ultimate Foreign Consignee(s) See Additional Information			
7a. Function(s) Performed/Service(s) Provided		8a. Intermediate Use(s) BLENDING MIXTURES		9a. Ultimate End Use(s) FIBER OPTIC AND ANNEALING, R&D for NAND and CMOS			
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. Maximum Total Volume/ Element WGT (KG), or Total Activity (TBq) 1 MOLE= 0.004032 KG OR 5988L/KG GAS		10b. Max Enrichment or WGT% 99.99%		10c. Max Isotope WGT (KG) N/A	
11. Foreign origin (or obligations by country and, if known, by percentage of maximum total volume)							

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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 Foreign Parties to Import	13. Name(s)/Address(es) of Foreign or U. S. 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. Maximum 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)

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

17. Additional Information provided on pages 3, 4, and/or separate sheets? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	17a. Copies of Recipient's Authorizations Provided? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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	18b. Signature – Authorized Official James McNamara Digitally signed by James McNamara Date: 2020.11.25 10:31:47 -05'00'	18c. Date
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Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Block 9. Amendment is filed to request an additional Ultimate Foreign Consignee

SK Hynix, Inc.
2091 Gyengchung-daero Bubal-eup
Icheon-si Gyenggi-do 17336
Republic of Korea

Block 9A Research and Development for Semiconductor NAND and CMOS Image Sensor Production

Box 10A. Additional 5 Million Liters, 836 Kg. Requesting increase in cumulative license amount to 24,186 Kgs.