

EXPORT LICENSE

NRC FORM 250



United States of America
 Nuclear Regulatory Commission
 Washington, D.C. 20555

NRC LICENSE NO.: XMAT415/05

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NRC DOCKET NO.: 11005907

LICENSE EXPIRES: December 6, 2021

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission (NRC) issued pursuant thereto, and in reliance on the statements and representations herefore made by the licensee, a license is hereby issued to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

<p align="center">LICENSEE</p> <p>Linde Gas & Equipment Inc. 10 Riverview Drive Danbury, CT 06810</p> <p>Attn: Yuliana Kalinova</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See page 2</p>
<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See page 3</p>	<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">None</p>

APPLICANT'S REFERENCE: 415.04

ULTIMATE DESTINATIONS: Republic of Korea

QUANTITY(IES)	DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)
	<p>The license is amended to: 1) add three additional Ultimate Foreign Consignee; 2) add three additional Intermediate Consignees; 3) change the licensee company name from Linde Electronics and Specialty Gases to Linde Gas & Equipment Inc.; 4) update the licensee's point of contact; and 5) revise the date of expiration December 31, 2022 to December 6, 2021.</p> <p>The licensee is authorized to export up to a cumulative total of 24,168 kilograms of D₂. The cumulative total of D₂ starts from the initial issuance of export license XMAT415.</p>

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended, and to all the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the NRC.

**THIS LICENSE IS INVALID UNLESS SIGNED BELOW
 BY AUTHORIZED NRC REPRESENTATIVE**

SIGNATURE: David Skeen
Digitally signed by David Skeen
 Date: 2021.10.12 17:17:12 -04'00'

NAME AND TITLE: David L. Skeen, Deputy Director
 Office of International Programs

DATE OF ISSUANCE: October 12, 2021

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES):

1. Samsung Electronics Co., Ltd
129 Samsung-ro, Yeongtong-gu
Suwon-si, Gyeonggi-do 16677
Republic of Korea

(manufacturing of semiconductor devices)
2. Samsung Electronics Co., Ltd
114 Samseong-ro, Godeok-myeon
Pyeongtaek-si, Gyeonggi-do 17786
Republic of Korea

(manufacturing of semiconductor devices)
3. Samsung Electronics Co., Ltd
1 Samseong-ro, Giheung-gu
Yongin-si, Gyeonggi-do 17113
Republic of Korea

(manufacturing of semiconductor devices)
4. Samsung Electronics Co., Ltd
1 Samsungjeonja-ro
Hwaseong-si, Gyeonggi-do 18448
Republic of Korea

(manufacturing of semiconductor devices)
5. Samsung Electronics Co., Ltd.
San 24, Nongseo-dong
Giheung-gu, Yongin-si
Gyeonggi-do
Republic of Korea

(for non-nuclear end use of fiber optic cable manufacturing)
6. Samsung Electronics Co., Ltd.
San 16, Banwol-dong
Hwasung-si
Gyeonggi-do
Republic of Korea

(for non-nuclear end use of fiber optic cable manufacturing)
7. SK Hynix, Inc.
2091, Gyeongchung-daero Bubal-eup
Icheon-si Gyeonggi-do 17336
Republic of Korea

(research and development for semiconductor NAND and CMOS Image Sensor Production)
8. SK Hynix, Inc.
215 Daesin-ro, Heungdeok-gu
Cheongju-si, Chungcheongbuk-do 28429
Republic of Korea

(R&D for Semiconductor NAND & CMOS Image Sensor Production)

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES):

1. EO Technics Co., Ltd.
864-4 Kwanyang-2-dong
Dongan-gu, Anyang-si
Gyeonggi-do
Republic of Korea

(resale of deuterium and deuterium blends in nitrogen purchased from Linde Gas North America)
2. EO Technics Co., Ltd.
2-4 San 56-3 Seokcheon ri
Ujeong-eupg, Hwaseong-si
Gyeonggi-do
Republic of Korea

(resale of deuterium and deuterium blends in nitrogen purchased from Linde Gas North America)
3. Linde Korea CO., LTD
5F COSMO DAECHI, 8
Teheran-ro, 98-gil, Gangnam-gu
Seoul 06181
Republic of Korea

(resale of deuterium and deuterium blends in nitrogen purchased from Linde Gas North America)
4. Linde Korea CO., LTD
Hieongoksandan-ro, 94beon-gil, Cheongbuk-myeon
Pyeongtaek-si, Gyeonggi-do 17812
Republic of Korea

(resale of deuterium and deuterium blends in nitrogen purchased from Linde Gas North America)
5. Linde Korea CO., LTD
123-30, Injusandan-ro, Inju-myeon
Asan-si, Chungcheongnam-do 31435
Republic of Korea

(resale of deuterium and deuterium blends in nitrogen purchased from Linde Gas North America)