

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

**UNITED STATES OF AMERICA**

Nuclear Regulatory Commission  
Washington, D.C. 20555

NRC LICENSE NO.: **XMAT415**

Page 1 of 3

DOCKET NO.: **11005907**

LICENSE EXPIRES: **December 31, 2015**

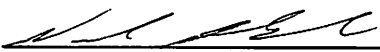
Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued to the licensee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

<p align="center"><b>LICENSEE</b></p> <p>Linde Electronics and Specialty Gases A Division of Linde Gas North America LLC. 575 Mountain Ave. Murray Hill, NJ 07974</p> <p>Attn: Rebecca Dabkowski</p>	<p align="center"><b>ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b></p> <p align="center">See Page 2</p> <p align="center">(For the non-nuclear end use of Fiber Optic Cable manufacturing)</p>
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<p align="center"><b>INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b></p> <p align="center">See Page 2</p> <p>(Resale of Deuterium and Deuterium blends in Nitrogen purchased from Linde Gas North America)</p>	<p align="center"><b>OTHER U.S. PARTY(IES) TO EXPORT</b></p> <p align="center">See Page 3</p> <p align="center">(Forwarder/Carrier)</p>
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<p>APPLICANT'S REFERENCE NO.: Application dated 11/03/2010</p>	<p>ULTIMATE DESTINATION: <b>Republic of Korea</b></p>
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<p align="center"><b>QUANTITY</b></p> <p align="center">2,505.0 Kilograms</p>	<p align="center"><b>DESCRIPTION OF MATERIALS OR FACILITIES</b></p> <p align="center">Deuterium Gas (2H<sub>2</sub>/D<sub>2</sub>) and Isotope of Hydrogen</p> <p>For the non-nuclear end use of processing Fiber Optic Cable which displaces any moisture and increases bandwidth in the cable and/or back end annealing process for semiconductor chips.</p>
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<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.</p> <p>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 of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.</p>	<p align="center"><b>THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</b></p> <p>SIGNATURE: </p> <p>NAME AND TITLE: <b>Nader L. Mamish, Acting Deputy Director Office of International Programs</b></p> <p>DATE OF ISSUANCE: <u>January 24, 2011</u></p>
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**EXPORT LICENSE**

**ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)**

1. **Samsung Electronics Co., Ltd.  
San 24, Nongseo-dong  
Giheung-gu, Yongin-si  
Gyeonggi-do  
Korea**

**(For the non-nuclear end use of Fiber Optic Cable manufacturing)**

2. **Samsung Electronics Co., Ltd.  
San 16, Banwol-dong  
Hwasung-si  
Gyeonggi-do  
Korea**

**(For the non-nuclear end use of Fiber Optic Cable manufacturing)**

**INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)**

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

**(Resale of Deuterium and Deuterium blends in Nitrogen purchased from Linde Gas North America)**

**OTHER U.S. PARTY(IES) TO EXPORT: (Cont'd)**

1. **Karr, Ellis & Company, Inc.  
1975 Linden Blvd., Suite 205  
Elmont, NY 11003**

**(Forwarder/Carrier)**

2. **Distribution By Air  
701 Cottontail Road  
Somerset, NJ 08873**

**(Forwarder/Carrier)**

3. **Pillar-Trans, LLC  
533 Division St.  
Elizabeth, NJ 07201**

**(Forwarder/Carrier)**

4. **Atwin Logistics Co. Ltd  
Jaeyeong B/D, 678-10  
Deungchong-Dong  
Kangseo-Ku  
Seoul  
Korea**

**(Forwarder/Carrier)**

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