

EXPORT LICENSE

NRC FORM 250
(10-07)

UNITED STATES OF AMERICA

Nuclear Regulatory Commission
Washington, D.C. 20555

NRC LICENSE NO.: XMAT423

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DOCKET NO.: 11006029

LICENSE EXPIRES: December 31, 2017

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">LICENSEE</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">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See Page 2</p> <p align="center">(For the non-nuclear end use of Fiber Optic Cable manufacturing)</p>	
<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See Pages 2 thru 3</p> <p>(Resale of Deuterium and Deuterium blends in Nitrogen purchased from Linde Gas North America)</p>		<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">NONE</p>	
<p>APPLICANT'S REFERENCE NO.: Application dated 11/03/2010</p>		<p>ULTIMATE DESTINATION: Denmark, France, Germany, Italy</p>	
<p align="center">QUANTITY</p> <p align="center">2,505.0 Kilograms</p>	<p align="center">DESCRIPTION OF MATERIALS OR FACILITIES</p> <p align="center">Deuterium Gas (2H₂/D₂) 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>		
<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">THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</p> <p>SIGNATURE: </p> <p>NAME AND TITLE: Mark R. Shaffer, Deputy Director Office of International Programs</p> <p>DATE OF ISSUANCE: July 26, 2012</p>	

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

1. **GlobalFoundries Dresden
Module One LLC & Co. KG
Wilschdorfer Landstr. 101
D-01109 Dresden DE**
2. **GlobalFoundries Dresden
Module One LLC & Co. KG
Wilschdorfer Landstr. 102
D-01109 Dresden DE**
3. **Micron Technology Italia SRL
Via Pacinotti 7
67051 Avezzano (AQ) IT**
4. **Altis Semiconductor
224 Boulevard John Kennedy
91105 Corbeil Essonnes FR**
5. **SST Microelectronics
850, Rue Jean Monnet
38926 Crolles Cedex FR**
6. **OFS Fitel Denmark ApS
Priorparken 680
2605 Brøndby DK**

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

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

1. **AGA A/S
C.F. Tietgensvej 16
7000 Fredericia DK**
2. **AGA A/S
Vermlandsgade 55
2300 København S DK**
3. **AIR LIQUIDE Electronics GmbH
Bergener Ring 15
01458 Ottendorf-Okrilla DE**
4. **Linde AG, Geschäftsbereich Gas
Spergauer Straße 1
06237 Leuna DE**
5. **Sol S.p.A.
Viale Libertà 247
20900 Monza(MB)IT**

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

6. OMGroup
Usine de la Rachée
91530 Saint Cheron FR
7. Linde Electronics GmbH & Co. KG
Zugspitzstr. 3
82049 Pullach DE
8. Linde AG, Geschäftsbereich Gas
Carl-von-Linde-Straße 25
85716 Unterschleißheim DE
9. Linde Electronics SAS
Europarc
4 place Berthe Morisot
69800 Saint Priest FR
10. Air Liquide France Industrie
Parc d'activités île Gabourd
185 chemin des Mariniers
38340 Vorppe FR

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

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