NRC FORM 250
(10-07)

NRC LICENSE NO.: XSOU8828
Page 1 of 4

NRC DOCKET NO.: 11006003
LICENSE EXPIRES April 30, 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.

<table>
<thead>
<tr>
<th>LICENSEE</th>
<th>ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Advanced Metals USA, Inc. 650 County Line Road Boyertown, PA 19512 Attn: John Eves</td>
<td>See Pages 3 and 4 (For non-nuclear end uses in recovering tantalum and niobium)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</th>
<th>OTHER U.S. PARTY(IES) TO EXPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td>NONE</td>
</tr>
</tbody>
</table>

| APPLICANT'S REFERENCE NO.  Appl. Dated 02/14/2012 | ULTIMATE DESTINATION: Brazil, Canada, China, Estonia, Germany, Japan, Kazakhstan, and Thailand |

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>DESCRIPTION OF MATERIALS OR FACILITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>30,000.0 Kilograms</td>
<td>Natural Uranium (U308) As contaminants contained in 3,000,000.0 Kilograms tantalum and niobium ores.</td>
</tr>
<tr>
<td>30,000.0 Kilograms</td>
<td>Thorium (ThO2)</td>
</tr>
</tbody>
</table>

Conditions 6 and 8 on Page 2 of this license apply to this export. 

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 of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE

SIGNATURE: 
NAME AND TITLE: Stephen Dembek, Acting Deputy Director Office of International Programs
DATE OF ISSUANCE: June 11, 2012
Conditions

Condition 1 -- Licensee shall file with the Customs Officer or the Postmaster two (2) copies, in addition to those otherwise required, of the Shipper's Export Declaration covering each export and mark one (1) of such copies for transmittal to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001. The following declaration should accompany or be placed on the Shipper's Export Declarations for such exports:

"This shipment is being made pursuant to specific license number (specific license number) filed at (location of customs office where license is filed), on (date license was filed). This license expired on (expiration date of license), and the unshipped balance remaining on this license is sufficient to cover the shipment described on this declaration."


Condition 3 -- This license covers only the nuclear content of the material.

Condition 4 -- The material to be exported under this license shall be shipped in accordance with the physical protection requirements for special nuclear material in 10 CFR 73.

Condition 5 -- Special nuclear material authorized for export under this license shall not be transported outside the United States in passenger-carrying aircraft in shipments exceeding (1) 20 grams or 20 curies, whichever is less, of plutonium or uranium 233, or (2) 350 grams of uranium 235.

Condition 6 -- This license authorizes export only and does not authorize the receipt, physical possession, or use of the nuclear material.

Condition 7 -- The licensee shall complete and submit an NRC Form 741 for each shipment of source material exported under this license.

Condition 8 -- The licensee shall advise the NRC in the event there is any change in the designation of the company who will package the nuclear material to be exported under this license, or any change in the location of the packaging operation, at least three (3) weeks prior to the scheduled date of export.
ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont’d)

1. AS Silmet
   Kesk tn 2 40231
   Sillamae
   Estonia

2. Companhia Industrial Fluminense
   Rua Geraldo Flausino Gomes
   Sao Paulo
   Brazil

3. Conghua Tantalum & Niobium Smeltery
   Shengang Town, Conghua City
   Guangdong
   China, P.C. 510980

4. Duoloshan Sapphire Rare Metal Co. Ltd. of Zhaoqing
   Sihui Dadao South Sihui City
   Guangdong
   China

5. F & X Electro-Materials Ltd.
   Yaxi Industrial Development Zone, XinHui District
   Jiangmen City
   Guangdong
   China, P.C. 529152

6. Forgang Jiata Metals Co., Ltd.
   Chengnan Industrial Zone, Fogang
   Guangdong
   China

7. Gui-Family Tantal-Niobium Ltd.
   Shi Shi Town, Yifeng County
   Jiangxi Province
   China, P.C. 336307

   Zhu Hui Area, Son Jia One Num
   Lion Mountain, Heng Yang
   Hunan
   China, P.C. 421000

9. Jiujiang Tanbre’s Smeltery
   P.O. Box 19, Jiujiang
   Jiangxi
   China
10. Mitsui Mining & Smelting Co., Ltd.  
1-11-1 Osaki, Shingawa-ku  
Tokyo  
Japan

11. Ningxia Non-Ferrous Metals Import and Export Corp.  
101 Yejin Road, Dawukou District, Shizuishan City  
Ningxia  
China

12. Ulba Metallurgical Plant  
102, Abay Avenue, 492026  
Ust-Kamenogorsk  
Kazakhstan

13. Zhuzhou Cemented Carbide Works  
Zhuzhou  
Hunan  
China

14. SGS Lakefield Research Ltd.  
185 Concession Street  
Lakefield, Ontario  
Canada K0L2H0

15. H.C. Starck Co., Ltd.  
5, 1-3A, Road Map Ta Plant  
Industrial Estate  
Rayong 21150  
Thailand

16. H.C. Starck Ltd.  
No. 9 Industrial Park  
Hitachi, Ohmiya-City  
Ibaraki Pref.  
Japan

17. H.C. Stark GmbH  
1M Schleeke 78-91  
38642 Gosslar  
Germany

18. H.C. Stark GmbH  
79725 Laufenberg (Baden)  
Germany