

**EXPORT LICENSE**

NRC FORM 250



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

**NRC LICENSE NO.:** XB1344/01

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**NRC DOCKET NO.:** 11006375**LICENSE EXPIRES:** May 31, 2024

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.

**LICENSEE**

Humboldt Scientific, Inc.  
2525 Atlantic Avenue  
Raleigh, NC 27604

Attn: Mahir Al-Nadaf

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

See following page(s)

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

None

**OTHER U.S. PARTY(IES) TO EXPORT**

None

**APPLICANT'S REFERENCE:** Application Dated 1/16/21**ULTIMATE DESTINATION:** Iraq**QUANTITY(IES)****DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)**

The license is amended to add Qaiwan Companies Group and Al Karia Group to the list of Ultimate Foreign Consignees.

This license is authorized to export Cesium-137, up to 0.0111 Terabecquerels and Americum-241, up to 0.0444 TBq, as contained as sealed sources in 30 portable moisture/density gauges.

**CONDITIONS:**

Licensee shall submit by February 1 of each year one copy of a report of all americium shipments during the previous calendar year. The report must include: (1) a description of the material, including quantity; (2) approximate shipment dates; and (3) a list of recipient countries, end users, and intended use keyed to the items shipped.

Licensee will ensure, through contractual or other means, that aggregation of sources in any shipment remain at or below Category 3 levels, and that the license be limited to the Iraqi Governorates of Basra, Dhi Qar, Maysan, Amara and the Kurdistan Region.

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 L. Skeen

Digitally signed by David L.  
Skeen  
Date: 2022.04.29 07:53:14  
+04'00'

**NAME AND TITLE:**

David L. Skeen, Deputy Director  
Office of International Programs

**DATE OF ISSUANCE:**

April 29, 2022

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

1. Al Karia Group  
Al-Karia Oil & Gas Projects  
Um Qaseer Port  
Basra  
Iraq  
  
(moisture/density measurement)
2. CFU International Trade and Services Limited Co.  
Branch of Kurdistan Region  
Erbil  
Iraq  
  
(moisture/density measurement)
3. Dashti Sanat Company  
120 Meter Street, Unit 9  
Galaxy Hall Business Complex  
Ankawa, Erbil  
Iraq  
  
(moisture/density measurement)
4. HKN Energy, Ltd.  
278 English Village  
Erbil, Kurdistan Region  
Iraq  
  
(moisture/density measurement)
5. HMM Group  
60m Street near Erbil Sailo  
Kurdistan  
Iraq  
  
(moisture/density measurement)
6. Qaiwan Companies Group  
Baban Autobahn Project  
Up Shorsh Hospital - Qrga Qtr.  
Sulamaniyah, Kurdistan Region  
Iraq  
  
(moisture/density measurement)