

EXPORT LICENSE

NRC FORM 250



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

NRC LICENSE NO.: XB1344/02

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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.

<p align="center">LICENSEE</p> <p>Humboldt Scientific, Inc. 2525 Atlantic Avenue Raleigh, NC 27604</p> <p>Attn: Mahir Al-Nadaf</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">None</p>	<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">None</p>

APPLICANT'S REFERENCE: Application Dated 7/18/22

ULTIMATE DESTINATION: Iraq

QUANTITY(IES)	DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)
	<p>The license is amended to add Fugro Middle East and Citadel Engineering Company to the list of Ultimate Foreign Consignees. The license authorizes the export of cesium-137, up to 0.0111 Terabecquerels (TBq), and americium-241, up to 0.0444 TBq, contained in sealed sources in 30 portable moisture/density gauges to Iraq.</p> <p>CONDITIONS:</p> <ol style="list-style-type: none"> 1) The 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. 2) The licensee will ensure, through contractual or other means, that the ultimate consignee is authorized by the Iraqi Radioactive Sources Regulatory Authority for the possession and use of the sealed sources. 3) The licensee will ensure that aggregation of sources in any shipment remain at or below Category 3 levels. 4) Licensed activities are limited to the Iraqi Governorates of Basra 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: _____

NAME AND TITLE: Peter J. Habighorst, Acting Deputy Director
 Office of International Programs

DATE OF ISSUANCE: November 22, 2022

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. Citadel Engineering Company
Great Citadel Company
Gulan Centre, Nergiz Plaza
4th Floor, Gulan Street, Kurdistan Region,
Erbil

(moisture/density measurement)
4. Dashti Sanat Company
120 Meter Street, Unit 9
Galaxy Hall Business Complex
Ankawa, Erbil
Iraq

(moisture/density measurement)
5. Fugro Middle East
Al-Maaqal
opposit to Al-Maaqal Kindergarten
Basra
Iraq

(moisture/density measurement)
6. HKN Energy, Ltd.
278 English Village
Erbil, Kurdistan Region
Iraq

(moisture/density measurement)
7. HMM Group
60m Street near Erbil Sailo
Kurdistan
Iraq

(moisture/density measurement)
8. Qaiwan Companies Group
Baban Autobahn Project
Up Shorsh Hospital - Qrga Qtr.
Sulamaniyah, Kurdistan Region
Iraq

(moisture/density measurement)