

**NRC FORM 7**  
(07-2019)  
10 CFR 110



**U. S. NUCLEAR REGULATORY COMMISSION**

**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL,  
OR CONSENT REQUEST(S)**  
(See Instructions on Pages 4 and 5)

**APPROVED BY OMB: NO. 3150-0027**

**EXPIRES: 02/28/2022**

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> Public <b>OR</b> <input type="checkbox"/> Non-Public		Date Received	
License Number		Docket Number		Adams Accession Number	
XB1360		11006442		03/09/2022 JMS	
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS</b> (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)					
1. Name and Address of Applicant/Licensee  Humboldt Scientific, Inc. 2525 Atlantic Avenue Raleigh, North Carolina 27604		1a. Name of Applicant's Contact  Mahir Al-Nadaf		1b. Applicant's Reference Number	
		1c. Office Telephone Number  9198333190		1d. Office Facsimile Telephone Number  9198335283	
		1e. Applicant's E-mail Address  mahir@humboldtmfg.com			
2. Type of Action Requested (Check one)		<input checked="" type="checkbox"/> Export (Parts B, C, E) <input type="checkbox"/> Amendment/Renewal		Current License Number:	
		<input type="checkbox"/> Import (Parts B, D, E) <input type="checkbox"/> Consent Request (Parts B, C)		Current License Number:	
3. Contract Number(s)		4. First Shipment Date		5. Last Shipment Date	
				6. Proposed Expiration Date	
<b>PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS</b> (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)					
7. Name(s)/Address(es) of U. S. Suppliers and/or other U. S. Parties to the Export  Humboldt Scientific, Inc. 2525 Atlantic Avenue Raleigh, North Carolina 27604		8. Name(s)/Address(es) of Intermediate Foreign Consignee(s)  Not applicable		9. Name(s)/Address(es) of Ultimate Foreign Consignee(s)  See Page 3	
7a. Function(s) Performed/Service(s) Provided		8a. Intermediate Use(s)		9a. Ultimate End Use(s)	
10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export  HS-5001 Series Portable Density/Moisture Gauges (30 gauges maximum).  Each gauge contains: Cesium 137 - Sealed Source 0.000407 TBq Americium 241 - Sealed Source 0.001628 TBq		10a. Maximum Total Volume/Element WGT (KG), or Total Activity (TBq)  Total for the 30 gauges Cs-137 = 0.01221 TBq  Am-241 = 0.04884 TBq		10b. Max Enrichment or WGT%  Not applicable	
				10c. Max Isotope WGT (KG)  Not applicable	
11. Foreign origin (or obligations by country and, if known, by percentage of maximum total volume)					

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License Number <b>XB1360</b>	Docket Number <b>11006442</b>	Adams Accession Number	<input checked="" type="checkbox"/> Public <b>OR</b> <input type="checkbox"/> Non-Public
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**PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS**

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. Name(s)/Address(es) of Foreign Suppliers and/or other Foreign Parties to Import	13. Name(s)/Address(es) of Foreign or U. S. Intermediate Consignee(s)	14. Name(s)/Address(es) of Ultimate U. S. Consignee(s)	
12a. NRC Export License Number(s) (if applicable)	13a. License Number(s) / Expiration Date(s)	14a. License Number(s) / Expiration Date(s)	
	13b. Intermediate Use(s)	14b. Ultimate End Use(s)	
15. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities	15a. Maximum Total Volume/ Element WGT (KG), or Total Activity (TBq)	15b. Max Enrichment or WGT%	15c. Max Isotope WGT (KG)

16. Foreign obligations (By country and by Percentage of Maximum Total Volume)

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S)**

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

17. Additional Information provided on pages 3, 4, and/or separate sheets? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	17a. Copies of Recipient's Authorizations Provided? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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18. Certification:

**I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.**

18a. Print Name and Title of Authorized Official	18b. Signature -- Authorized Official <b>Mahir Al-Nadaf</b> Digitally signed by Mahir Al-Nadaf Date: 2022.02.07 13:07:40 -05'00'	18c. Date
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Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

## Name(s)/Address(es) of Ultimate Foreign Consignee(s)

## 1. Fugro Middle East

Al-Maaqal

opposit to Al-Maaqal Kindergarten

Basra- Iraq

(For use in Portable Moisture / Density Gauges)

(The gauges will be used on construction materials such Asphalt, Aggregate, Concrete and Soil)

## 2. Al Karia Group

Al-Karia Oil &amp; Gas Projects

Um Qaseer Port, Basra

Iraq

(For use in Portable Moisture / Density Gauges)

(The gauges will be used on construction materials such Asphalt, Aggregate, Concrete and Soil)

## 3. Qaiwan Companies Group

Baban Autobahn Project

Up Shorsh Hospital - Qrga Qtr.

Sulamaniyah, Kurdistan Region

Iraq

(For use in Portable Moisture / Density Gauges)

(The gauges will be used on construction materials such Asphalt, Aggregate, Concrete and Soil)

## 4. Citadel Engineering Company

Great Citadel Company

Gulan Centre, Nergiz Plaza,

4th Floor, Gulan Street, Kurdistan Region

Erbil,

Iraq

(For use in Portable Moisture / Density Gauges)

(The gauges will be used on construction materials such Asphalt, Aggregate, Concrete and Soil)