

NRC FORM 7
(02-2016)
10 CFR 110



U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 11/30/2018

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

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 FOIA, Privacy, and Information Collections Branch (T-5 F53), 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.

PART A. FOR NRC USE ONLY

☒ PUBLIC OR ☐ NON-PUBLIC

DATE RECEIVED

AUG 06 2018 SZF

LICENSE NUMBER

XB1337

DOCKET NUMBER

11006313

ADAMS ACCESSION NUMBER

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS

(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

Thermo Gamma Metrics, LLC.
10010 Mesa Rim Road
San Diego, CA. 92121
United States

1a. NAME OF APPLICANT'S CONTACT

Brenda Chance

1b. APPLICANT'S REFERENCE NUMBER

S03230

1c. PHONE NUMBER

9784122174

1d. FAX NUMBER

1e. E-MAIL ADDRESS

brenda.chance@thermofisher.com

2. TYPE OF ACTION REQUESTED (Check One)



EXPORT

(Parts B, C, E)



IMPORT

(Parts B, D, E)



AMENDMENT/RENEWAL

Current License Number:



CONSENT REQUEST

(Parts B, C)

Current License Number:

3. CONTRACT NUMBER(S)

NA

4. FIRST SHIPMENT DATE

5. LAST SHIPMENT DATE

6. PROPOSED EXPIRATION DATE

PART C. TO BE COMPLETED FOR EXPORT 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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS
AND/OR OTHER PARTIES TO THE EXPORT

Frontier Technology Corporation
1641 Burnett Drive
Xenia, OH. 45385 United States

8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE
FOREIGN CONSIGNEE(S)

Kar Company For General Contracting
Naz City Building No J12/1st floor Erbil-
Naz City-Buil (j) 5th floor Iraq 44001
964-7703115978

9. NAME(S) / ADDRESS(ES) OF ULTIMATE
FOREIGN CONSIGNEE(S)

Qarachoq Cement Plant
Khosh Aao Village, Sergaran Town,
Kirkuk Governorate
Kirkuk, Iraq

7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED.

manufacture of the CF252

8a. INTERMEDIATE USE(S)

Import of Record will not have possion

9a. ULTIMATE END USE(S)

in the manufacturing of raw cement producat

10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES,
NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR
NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF
EQUIPMENT FOR EXPORT

Californium 252 neutron source ordered 2-29ug

10a. MAX TOTAL VOLUME /
ELEMENT WGT (KG), OR
TOTAL ACTIVITY (TBq)

1.2 Gbq Max for both
sources (0.0012 TBq)

10b. MAX ENRICHMENT
OR WGT %

10c. MAX ISOTOPE
WGT (KG)

1 oz

11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

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LICENSE NUMBER XB1337	DOCKET NUMBER 11004313	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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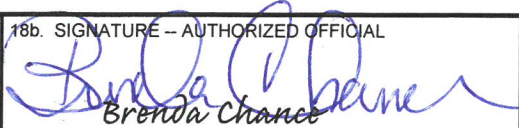
PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS

(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 PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF 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. MAX 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)

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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 Brenda J Chance Import/Export Coordinator	18b. SIGNATURE -- AUTHORIZED OFFICIAL  Brenda Chance
18c. DATE July 16, 2018	

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PUBLIC

OR



NON-PUBLIC

ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

بسم الله الرحمن الرحيم

Republic of Iraq
Council Of Ministers
Iraqi Radioactive Sources Regulatory
Authority



جمهورية العراق
مجلس الوزراء
الهيئة العراقية للسيطرة على المصادر المشعة

No: F/ 198
Data: 28/1/2018

العدد:
التاريخ:

To/ Kar for General Contracting, Engineering Consultancy Ltd. - Kirkuk
Subject/ Authorization Certificate for Importing Radioactive Sources

According to the article No. (53) of the Regulatory System No.1 in 2006, The Iraqi Radioactive Sources Regulatory Authority (IRSRA) grants authorization to import radioactive sources for **your company**, which is contracted with **Kirkuk Investment Committee** for benefit of Gara Jokh Cement Plant, and your company will be obligated to re-export the sources to the external to Iraq-supplier when the need for the sources ends up.

Authorization Code:	135B-IM-N1
Radioactive Sources No.:	2/ Two
Accompanied Devices:	1/ One
Border Name:	Baghdad International Airport
Authorization Validity:	Eleven months since the issue date
Transporter Co.	Kar for General Contracting, Engineering Consultancy Ltd.
Attachments:	Radioactive sources table/ One page

Authorization Conditions:

- 1- Notifying IRSRA about shipment reach date and keeping radiation levels restricted by IRSRA regulations
- 2- Ensuring to provide security protection during transportation practice and notifying IRSRA about shipment transportation date.
- 3- Submitting custom certificates of the RS's to IRSRA when they are imported

Remark: This certificate by no means exempt from any other regulations and requirements for Import issued by Ministry of Trade.



Dr. Kamal H. Lateef
Chairman

28 January 2018

Table of Radioactive Sources will be imported by

Kar for General Contracting, Engineering Consultancy Ltd. -
Kirkuk

جدول المصادر المشعة المزمع إستيرادها من قبل

شركة كار للمقاولات الإنشائية والإستشارات الهندسية والمقاولات الكهربائية والميكانيكية /
والإستثمارات العقارية المحدودة - محافظة كركوك

Total Qty.: 2 العدد الكلي:

Authorization Code: 135B-IM-N1 رمز التحويل:

العدد Qty	الإستخدام Usage	المعايير ISO	الموديل Model	المصنع Manufacturer	الرقم التسلسلي Serial No.	تاريخ النشاط Date	الوحدة Unit	النشاط Activity	الحالة State	النظير المشع Radionuclide	ID
1	Online Belt Raw Material	2919-2012	Z100	Frontier Technology	FTC-CF-Z5926	31/5/2017	0.6 GBq	0.6 GBq	صلب Solid	Cf-252	1
1	تحليل مواد أولية Analysis بالحزام الناقل	2919-2012	Z100	Frontier Technology	FTC-CF-Z5927	31/5/2017	0.6 GBq	0.6 GBq	صلب Solid	Cf-252	2

Table of Devices will be imported by

Kar for General Contracting, Engineering Consultancy Ltd. -
Kirkuk

جدول الأجهزة المرافقة المزمع إستيرادها من قبل

شركة كار للمقاولات الإنشائية والإستشارات الهندسية والمقاولات الكهربائية والميكانيكية /
والإستثمارات العقارية المحدودة - محافظة كركوك

Total Qty.: 1 العدد الكلي:

Authorization Code: 135B-IM-N1 رمز التحويل:

العدد Qty	الإستخدام Usage	المعايير ISO	الشركة المصنعة Manufacturer	الموديل Model	الرقم التسلسلي Serial No.	الجهاز المرافق Device	ID
None	Online Belt Raw Material تحليل مواد أولية Analysis بالحزام الناقل	12/28/1907	ThermoFisher Scientific	CB Omni	03230S	Cross Belt Analayzer for Cement Factory	1

