

EXPORT LICENSE

NRC FORM 250

NRC LICENSE NO.: PXB11c.03

Page 1 of 9

NRC DOCKET NO.: 11006424

LICENSE EXPIRES: June 3, 2028



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

Pursuant to the Atomic Energy Act of 1954, as amended, and the regulations issued by the Nuclear Regulatory Commission (NRC) pursuant thereto, and in reliance on statements and representations heretofore made by the applicant/licensee, this license is hereby issued authorizing the licensee to export of the byproduct materials listed below, subject to the terms and conditions herein. This license is only valid if the licensee or 'Other Party (ies) to Export' maintain the requisite NRC or Agreement State domestic license(s).

<p align="center">LICENSEE</p> <p>QSA Global, Inc. 40 North Avenue Burlington, MA 01803</p> <p>Attn: Mary Flanigan</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See following page(s)</p>
<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See following page(s)</p>	<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">None</p>
<p>APPLICANT'S REFERENCE: PXB11c-2025</p>	<p>ULTIMATE DESTINATIONS: Angola, Cameroon, China and Egypt</p>

**CONDITIONS, NOTES, AND DESCRIPTIONS OF 10CFR PART 110, APPENDIX P,
 BYPRODUCT AND SOURCE MATERIALS TO BE EXPORTED**
 (NOTE: SEE PAGE 9 FOR DEFINITIONS OF CATEGORY 1 AND CATEGORY 2)

Export of Category 2 quantities of Americium-241, Americium-241/Beryllium, Cesium-137, Cobalt-60, Iridium-192, and Selenium-75, contained in sealed sources for use in industrial radiography, oil well logging, gauging, and calibration devices to countries listed under "Ultimate Consignee(s) in Foreign Country(ies)" is authorized.

The ultimate consignees must ensure that they maintain custody of the sealed sources at all times, and when not in use or when in transit must ensure they are stored securely in a manner that would prevent unauthorized removal or access.

Licensee must submit pertinent documentation required in 10 CFR 110.32 (g)(2) and (3) at least 24 hours prior to shipment. See Page 9 for Mandatory Advanced Notifications.

Licensee shall submit by February 1 of each year one copy of a report of all americium shipments (under this license or under a general license) shipped during the previous calendar year as required by 10 CFR 110.54(b). 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.

This license replaces PXB11c.02 by: 1) extending the expiration date from September 30, 2025, to June 3, 2028; 2) listing the names and addresses of the "Ultimate Consignee(s) in Foreign Country(ies)" and 3) adding China and removing Central African Republic as an Ultimate Destination.

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.

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 Nuclear Regulatory Commission.

**THIS LICENSE IS INVALID UNLESS SIGNED BELOW
 BY AUTHORIZED NRC REPRESENTATIVE**

NAME AND TITLE: JODY MARTIN Digitally signed by JODY MARTIN
Date: 2026.06.03 10:37:12 -04'00'
 Deputy Director
 Office of International Programs

DATE OF ISSUANCE: June 3, 2026

EXPORT LICENSE

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

1. Alfa Middle East Petroleum Services
700 next to Essam Moussa Rubber Factory
Alexandria-Cairo Desert Road
Alexandria 42111
Egypt
(Industrial Radiography)
2. Beijing Crahesion Science & Trade Co., Ltd.
Room 1113, Zeyang Building
No. 166 Fushi Road
Shijing District, Beijing 100041
China
(Industrial Radiography)
3. Beijing Deyan Xinge Co., Ltd.
North 80 E, Xiaozicaow Village
Yuncun Town, Fangshan District
Beijing 102421
China
(Industrial Radiography)
4. Beijing Deyan Xinge Co., Ltd.
Xinzhen, Fangshan District
Beijing 102413
China
(Industrial Radiography)
5. Beijing Rootingwork International
Logistics Co., Ltd.
Time Fortune A-3005
No. 6 Shuguang, XILI Chaoyang District
Beijing 100097
China
(Industrial Radiography)
6. Beijing Schucheng Technology S&I
Development Co. Ltd.
31 South Linhe Street
Shunyi District
Beijing 101300
China
(Oil Well Logging)
7. Beijing Sino-Tiger S & T Co., Ltd.
Room 1405, Run Feng De Shang
Building 2, No. 60 Anli Road
Chaoyang District
Beijing 100101
China
(Industrial Radiography)
8. Bureau Veritas de Angola
Joao de Barros 56
Luanda
Angola
(Industrial Radiography)
9. Chengdu West Nuclear Instruments Co. Ltd.
Room A-233, Rennan Building
3rd Section South, Second Road
Wuhou District, Chengdu 610094
China
(Industrial Radiography)
10. China Guangdong Nuclear Application
Technology (GGNAT) Co.
17th Floor, Guangyao Dongfa Building
West 3rd Ring North Road
Haiden District, Beijing 100048
China
(Industrial Radiography)
11. China Isotopes & Radiation Corporation
66 Changwa Zhongjie, Haidian District
Beijing 100089
China
(Industrial Radiography & Calibration)
12. China Logging Company Ltd. Southwest Branch
1008-6-6 Longji Road
Longshan Street
Yubei District, Chongqing 401147
China
(Industrial Radiography)

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

- | | |
|---|---|
| <p>13. China Nuclear Control System Engineering Co., Ltd.
3 Hongda South Road, BDA.
Beijing 100176
China
(Calibration)</p> | <p>14. China Nuclear Control System Engineering Co., Ltd.
92 Haibin Middle Road
Fengchen Town Haiyang City
Shandong Province 265127
China
(Calibration)</p> |
| <p>15. China Oilfield Service Limited (COSL)
No. 81, Xingong West Street
Yanjiao Development Zone
Sanhe City, Hebei Province 065201
China
(Oil Well Logging)</p> | <p>16. China Petroleum Logging Atlas Landscape Conservation Cooperative
2205B, Building No. 3168 Haibin Road
Nanshan District
Shenzhen City, Guangdong Province 518000
China
(Oil Well Logging)</p> |
| <p>17. Chongqing Foreign Trade Import Co. Ltd.
19 Floor, Peninsula International Tower
50 Zurong Road
Yuzhong District, Chongqing 400010
China
(Industrial Radiography)</p> | <p>18. Continental (Shangdong) Cement Corp.
Da Xin Dian Town
Penglai City
Shangdong 265612
China
(Industrial Radiography)</p> |
| <p>19. Delta Inspection and Petroleum Service (IPS)
17 Road Bedwany
Nasr City
Cairo 11371
Egypt
(Industrial Radiography)</p> | <p>20. Enagol Energias de Angola, LDA.
Rua Pedro de Castro Van-Dúnem "Loy"
Avenida Talatona
Condominio Zeus 16
Luanda
Angola
(Industrial Radiography)</p> |
| <p>21. Enagol Energias de Angola, LDA.
Rua Residencial D, Sector B, Casa N518
Bairro Talatona 2
Município de Belas
Luanda, Angola
(Industrial Radiography)</p> | <p>22. Enagol Energias de Angola, LDA.
Rua B, Casa N5
Bairro Talatona 2
Município de Belas
Luanda, Angola
(Industrial Radiography)</p> |
| <p>23. Engineering Group for Industrial Technology (EGIT)
21 Dr. Zaky Hasan Street from Hany Al-Andlsy
Nasr City
Cairo 11728
Egypt
(Industrial Radiography)</p> | <p>24. Engineering Group for Inspection and Quality Control
28 Soliman El Fasery Street
1st Region, Obour City
Al-Qalyubia 13111
Egypt
(Industrial Radiography)</p> |

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

- | | |
|--|---|
| <p>25. Global Engineering Services
633 El Horreya Road
Janaklees
Alexandria 21311
Egypt

(Industrial Radiography)</p> | <p>26. Guangzhou Shijing Deqing
Cement Factory Co., Ltd.
Longzhu, Yuecheng Town
Deqing City
Guangdong Province 526600
China

(Industrial Radiography)</p> |
| <p>27. Guizhou Bohong Industrial Ltd.
Cement Branch, Wiliquo
Guanyinshan, Zhongshan
Liupanshui City, Guizhou Province 553000
China

(Industrial Radiography)</p> | <p>28. Guizhou Huangping Jianfeng Cement Co., Ltd.
Gulong Industrial Park, Huangping County
Miao and Dong Autonomous Prefecture
Guizhou Province 556111
China

(Industrial Radiography)</p> |
| <p>29. Huizhou Guli Cement Group Co., Ltd.
Boluo Branch
Shuangliangzu Tangxie, Quelou Village
Gongzhuang Town
Boluo County, Huizhou City
Guangdong Province 516300
China

(Industrial Radiography)</p> | <p>30. Inspecta International
9 Dr. Ahmed Amin St., Saint Fatima
Heliopolis
Cairo 11787
Egypt

(Industrial Radiography)</p> |
| <p>31. Inspecta International
Inspecta Storage, Inside Tabarak Metal Factory
The 7th Industrial District
Sadat City 32958
Egypt

(Industrial Radiography)</p> | <p>32. International for Services & Construction
Company (INSCO) NDE
7-16 Buildings Project
El Lasilky, Autostard Way, Maadi
Cairo 11435
Egypt

(Industrial Radiography)</p> |
| <p>33. ISQ Apave (Angola) Tecnologias LDA.
Rua Kuamme N'Krumah 31A
Maianga
Luanda
Angola

(Industrial Radiography)</p> | <p>34. Jiangsu Tianshan Cement Group Co., Ltd.
Liyang Branch, Peimin Village
Shangxing Town, Liyang City
Jiangsu Province 213363
China

(Industrial Radiography)</p> |
| <p>35. Jidong Heidelberg (Fufeng) Cement Co., Ltd.
Yanma Village North, Tiandu Town
Fufeng County, Baoji City
Shanxi Province 722200
China

(Industrial Radiography)</p> | <p>36. Jidong Sanyou Cement Co., Ltd.
Zhadgezhuaxi Guye District
Tangshan
Hebei 063000
China

(Industrial Radiography)</p> |

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

- | | |
|--|---|
| <p>37. Juoquan Jinyu Cement Co.
Wulihoucun Town, Zuquan County
Zinzhong City
Shanxi Province 032600
China

(Industrial Radiography)</p> | <p>38. Liufeng Machinery Industry Co., Ltd.
No. 179 Qing Feng West Road
Kunshan Development Zone
Jiangsu Province 215333
China

(Industrial Radiography)</p> |
| <p>39. Luopu Tianshan Cement Co., Ltd.
4.5 Kilometre at Aqibeke Road
Luopu Townlet
Hetian City, Xinjiang 848200
China

(Industrial Radiography)</p> | <p>40. Massa Consulting
38 Makram Ebeid Street
Nasr City
Cairo 11863
Egypt

(Industrial Radiography)</p> |
| <p>41. Ministère de la Recherche Scientifique et de
L'innovation L'Agence Nationale de
Radioprotection Yaoundè, Quartier du Lac,
Facee entrèr Lycèe Technique Industriel et
Commercial de Yaoundè, 00237
Cameroon

(Calibration)</p> | <p>42. National Inspection Col.
El Mokattam 17th Building No. 7207
Cairo 11571
Egypt

(Industrial Radiography)</p> |
| <p>43. Oceaneering International Services Ltd.
(dba Oceaneering Angola SARL)
Rua Direita Do Kikuxi, Bairro Jacinto Tchipa
Sapu Viana
Luanda
Angola

(Industrial Radiography)</p> | <p>44. Oceaneering International Services LTD.
(dba Oceaneering Angola SARL)
Avenidda Deolinda Rodrigues, Edificio 495
Terra Nova
Luanda
Angola

(Industrial Radiography)</p> |
| <p>45. Peng Xin (Quan Zhou) Trading Co. Ltd.
No. 208, Floating Bridge Chamber of
Commerce Building
Licheng District, Quanzhou
Fujian 362000
China

(Industrial Radiography)</p> | <p>46. Peng Xuan (Hainan) Nuclear Energy
Technology Co., Ltd.
1107, Building A, Raffles Youfu Zone
No. 1 Sinopec Road
Beiyihuan, Oldtown, Chengmai Country
Hainan Province 572427
China

(Oil Well Logging)</p> |
| <p>47. Petrojet
Joseph Tito Street / 1 Mohammed El-Sebaey
Haikstep, Heliopolis
Cairo 11713
Egypt

(Industrial Radiography)</p> | <p>48. Petroleum Marine Services
Private - Freezone
El Maadia
Alexandria
Egypt

(Industrial Radiography)</p> |

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

- | | |
|--|---|
| <p>49. Qingdao Chiheng Engineering Technology Co., Ltd.
No. 152-13, Ruichang Road
Shibei District
Qingdao 266033
China

(Industrial Radiography)</p> | <p>50. Quality Control Co.
3 Nablos Street
Mohandessin
Cairo 12411
Egypt

(Industrial Radiography)</p> |
| <p>51. Quantou Group-Zaozhuang Jinqiao Cement Kiln Co., Ltd.
Dongsantun Village
Shuigo Town, Zaozhuang City
Shangdon Province 277121
China

(Industrial Radiography)</p> | <p>52. Shandong Donghua Cement Corp. Ltd.
Eastern Auanzi Village, Longquan Town
Zibo City, Zichuan District
Shandong 255100
China

(Industrial Radiography)</p> |
| <p>53. Shangdong Longkou Shangdon C/o Beijing Hefuyuan Co., Ltd.
Room 309, Building 1
2 Shaoyaoju, Taiyang Park
Chaoyang District, Beijing 1000028
China

(Gauging)</p> | <p>54. Shanghai Chang Yue Trading Co. Ltd.
(Division of Shanghai Keluoli Limited)
139 Taiyuan Road
Shanghai 200031
China

(Industrial Radiography)</p> |
| <p>55. Shanghai Keluoli Limited
139 Taiyuan Road
Shanghai 200031
China

(Industrial Radiography)</p> | <p>56. Shanghai Maoyong Isotope Technology Co., Ltd.
No. 21, 2776 Nong, Huaxia Ea
New District of Pudong
Shanghai 200120
China

(Industrial Radiography)</p> |
| <p>57. Shanghai Maoyong Isotope Technology Co., Ltd.
Room 607, Building 2.2
Gangchen Road
New District of Pudong, Shanghai 200137 China

(Industrial Radiography)</p> | <p>58. Shanghai Maoyong Isotope Technology Co., Ltd.
111-2-6, Zhiye Road
New District of Pudong
Shanghai 201201
China

(Industrial Radiography)</p> |
| <p>59. Shendong Baode
C/o TFS China Co., Ltd.
7th Floor, Tower West, Yonghe Plaza No. 28
Andingmen East Street
Beijing 1000007
China

(Gauging)</p> | <p>60. Shenzhen Hengli Industrial Co. Ltd.
Room 1402-1403, Floor 14, Block 1B
Wisdom Homeland Phase 1
Baolong Sub-District, Longgang District
Shenzhen 518116
China

(Industrial Radiography)</p> |

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

- | | |
|---|--|
| <p>61. Shenzhen Highness Industrial Development Co., Ltd.
3 Floor Rongmaochang Building
No. 1050-1060 Shenhui Road
Henggang Street, Longgang District
Shenzhen 518115
China

(Industrial Radiography)</p> | <p>62. Shenzhen Highness Industrial Development Co., Ltd.
Room 9119, Shangcheng Building No. 73-
Changianpu Road
Henggang Subdistrict, Longgang District
Shenzhen 518115
China

(Industrial Radiography)</p> |
| <p>63. Shenzhen Isotope Industrial International Co., Ltd.
4FG-21 Room, Yangguang Huayi Building
Nanhai Avenue
Nanshan District, Shenzhen 518052
China

(Oil Well Logging)</p> | <p>64. Tangxian Jidong Cement Co., Ltd.
Tangxian Baihe Town
Baoding City
Hebei Province 072350
China

(Industrial Radiography)</p> |
| <p>65. Thermo Fisher Scientific Co., Ltd.
Floor 7/8, Building C, Global Trade Center
36 North 3rd Ring Road
DongCheng District, Beijing 100013
China

(Oil Well Logging & Gauging)</p> | <p>66. Thermo Fisher Scientific Co., Ltd.
6 Building, 27 Xinjiqiao Road
Pudong District
Shanghai 201206
China

(Oil Well Logging & Gauging)</p> |
| <p>67. Tianjin Boan Science Industry & Commerce Co. Ltd.
2-503 No. 582 Hongqi Road
Nankai District
Tianjin 300385
China

(Oil Well Logging)</p> | <p>68. Tianjin Boan Science Industry & Commerce Co. Ltd.
Room 204, E3, Xeda
Xiqing Development Area
Tianjin 300385
China

(Oil Well Logging)</p> |
| <p>69. Tianjin Boan Science Industry & Commerce Co. Ltd.
1-1203 No. 588 Hongqi Road
Nankai District
Tianjin 300385
China

(Oil Well Logging)</p> | <p>70. Wenspect
10 Hassan Khater Street
El-Nozha, Heliopolis
Cairo 11769
Egypt

(Industrial Radiography)</p> |
| <p>71. Yangquan Jinyu Tongda High Temperature Materials Ltd.
Yangquan Outskirts
Baiquan Industrial Park
Shanxi 045000
China

(Gauging)</p> | <p>72. Yangxin Huaxin Cement Plant
600 East Daqi Avenue
Huangshi City
Hubei 435007
China

(Industrial Radiography)</p> |

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) Continued:

1. Fuxin Technology (Hebei) Co. Ltd.
No. 66, Taxi Street, Shijiazhuang
Economic & Trade Development Zone
Gaocheng District
Shijiazhuang City, Hebei 050020
China
(Distributor and a Manufacturer)
2. Loma Systems, s.r.o.
QSA Division
U Lomy 1069
334 41 Dobruany
Czechia
(Re-Export)
3. Massa Consulting
38 Makram Ebeid Street
Nasr City
Cairo 11863
Egypt

(Resell materials to Global Engineering Services)
4. Sentinel Asia Ltd.
3F, Chunghae Building
12 Seolleung-Ro 103 Gil, Gangnam-Gu
Seoul 06145
Republic of Korea
(Re-Export)
5. Thermo Gamma Metrics Pty Ltd.
18 Butler Boulevard
Burbridge Business Park
Adelaide Airport 5950
Australia
(Reseller)
6. Tianjin Pengxuan Environmental Protection
Technology Co., Ltd.
Room 1404, Building 6, Bojin Wan Nan Yuan
Xiangjiang Road, Hexi District
Tianjin 300222
China
(Redistribute radioactive material to China
Oilfield Service Limited)
7. Tianjin Pengxuan Environmental Protection
Technology Co., Ltd.
Room 104, Xiuchuan International
Building No. 10, Xiuchuan Road
Liqizhuang Street, Xiqing District
Tianjin 300390
China

(Redistribute radioactive material to China
Oilfield Service Limited)
8. Turgen International Technical
Services & Consultancy
F9R5+2MH
Al Danah, Zone 1
Abu Dhabi
United Arab Emirates

(Distributor)

MANDATORY ADVANCED NOTIFICATIONS PER 10 CFR PART 110.50(c)

The following Advanced Notifications must be made to both the NRC and, in case of exports, the government of the importing country in advance of each shipment:

Mandatory Advanced Notifications to the NRC are to be emailed to hoo.hoc@nrc.gov (preferred method) or faxed to the NRC at 301-816-5151. In the subject line of the email or on the fax cover page include: "10 CFR 110.50(c) Notification." For technical assistance, use the same e-mail address or call 301-287-9056.

Mandatory Advanced Notifications to the government of the importing country must be emailed or faxed to the appropriate foreign government authorities. To locate the point-of-contact for international Advanced Notifications see: <https://nucleus.iaea.org/sites/ns/code-of-conduct-radioactive-sources/Pages/points-of-contact.aspx>. In the subject line of the email or on the fax cover page include: "NOTIFICATION TO THE IMPORTING STATE PRIOR TO SHIPMENT OF CATEGORY 1 OR 2 RADIOACTIVE SOURCES." For technical assistance or for countries not listed, contact the Office of International Programs' export/import staff at 301-287-9056.

Table 1: Appendix P to Part 110 Category 1 and Category 2 Radioactive Material Threshold Limits

Radioactive Material	Category 1		Category 2	
	Terabequerels (TBq)	Curies (Ci) ¹	Terabequerels (TBq)	Curies (Ci) ¹
Americium-241 (Am-241)	60	1,600	0.6	16
Americium-241/Beryllium (Am-241/Be)	60	1,600	0.6	16
Californium-252 (Cf-252)	20	540	0.2	5.4
Curium-244 (Cm-244)	50	1,400	0.5	14
Cobalt-60 (Co-60)	30	810	0.3	8.1
Cesium-137 (Cs-137)	100	2,700	1.0	27
Gadolinium-153 (Gd-153)	1,000	27,000	10.0	270
Iridium-192 (Ir-192)	80	2,200	0.8	22
Plutonium-238 ² (Pu-238)	60	1,600	0.6	16
Plutonium-239/Beryllium ² (Pu-239/Be)	60	1,600	0.6	16
Promethium-147 (Pm-147)	40,000	1,100,000	400	11,000
Radium-226 ³ (Ra-226)	40	1,100	0.4	11
Selenium-75 (Se-75)	200	5,400	2.0	54
Strontium-90 (Y-90)	1,000	27,000	10.0	270
Thulium-170 (Tm-170)	20,000	540,000	200	5,400
Ytterbium-169 (Yb-169)	300	8,100	3.0	81

Calculation of Shipments Containing Multiple Sources or Radionuclides:

The "sum of fractions" methodology for evaluating combinations of radionuclides being transported is to be used when import or export shipments contain multiple sources or multiple radionuclides. The threshold limit values used in a sum of the fractions calculation must be the metric values (i.e., TBq).

I. If multiple sources and/or multiple radionuclides are present in an import or export shipment, the sum of the fractions of the activity of each radionuclide must be determined to verify the shipment is less than the Category 1 or 2 limits of Table 1, as appropriate. If the calculated sum of the fractions ratio, using the following equation, is greater than or equal to 1.0, then the import or export shipment exceeds the threshold limits of Table 1 and the applicable security provisions of this part apply.

II. Use the equation below to calculate the sum of the fractions ratio by inserting the actual activity of the applicable radionuclides or of the individual sources (of the same radionuclides) in the numerator of the equation and the corresponding threshold activity limit from the Table 1 in the denominator of the equation. Ensure the numerator and denominator values are in the same units and all calculations must be performed using the TBq (i.e., metric) values of Table 1.

- R1 = activity for radionuclides or source number 1 AR1 = activity limit for radionuclides or source number 1
- R2 = activity for radionuclides or source number 2 AR2 = activity limit for radionuclides or source number 2
- RN = activity for radionuclides or source number n ARN = activity limit for radionuclides or source number n

$$\sum_1^n \left[\frac{R_1}{AR_1} + \frac{R_2}{AR_2} + \frac{R_n}{AR_n} \right] \geq 1$$

¹ The values to be used to determine whether a license is required are given in TBq. Curie (Ci) values are provided for practical usefulness only and are rounded after conversion.

² The limits for exports of Pu-238 and Pu-239/Be can be found in § 110.21.

³ Discrete sources of Radium-226.