

IMPORT AND EXPORT LICENSE

NRC FORM 250P (12/05)



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

NRC LICENSE NO.: CBP0004b-1

LICENSE EXPIRES: December 31, 2007

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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 statements and representations heretofore made by the licensee, a license is hereby issued to the licensee authorizing the import/export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein. This license is only valid if the licensee maintains the requisite NRC or Agreement State domestic licenses.

<p align="center">LICENSEE</p> <p>Baker Hughes Oilfield Operations, Inc. ATTN: Jim Elrod 2001 Rankin Road Houston, TX 77073</p> <p>APPLICANT'S REFERENCE NUMBER: RENEW0004b</p>	<p align="center">ULTIMATE FOREIGN CONSIGNEE(S)</p> <p align="center">Listed on pages 3-5.</p>
<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES) AND/OR IN THE U.S.</p> <p align="center">NONE</p>	<p align="center">OTHER PARTY(IES) TO IMPORT/EXPORT</p> <p align="center">NONE</p>

COUNTRY(IES) OF ULTIMATE DESTINATION: Albania, Algeria, Angola, Azerbaijan, Bahrain, Brunei, Congo (Brazzaville), Ecuador, Egypt, Equatorial Guinea, India, Indonesia, Kuwait, Malaysia, Mauritania, Mexico, Namibia, Nigeria, Oman, Pakistan, Qatar, Saudi Arabia, Trinidad and Tobago, Tunisia, Turkmenistan, United Arab Emirates, and Venezuela.

DESCRIPTION OF 10 CFR PART 110, APPENDIX P, BYPRODUCT MATERIALS TO BE IMPORTED AND/OR EXPORTED
 (NOTE: SEE PAGE 2 FOR DEFINITIONS OF CATEGORY 1 AND CATEGORY 2)

Category 2 quantities of Americium-241/Be, contained in sealed sources for use in oil and gas well logging operations, are authorized for import and export from and to countries listed on 'Country(ies) of Ultimate Destination.'

Sealed sources will remain in the custody of either Baker Hughes Oilfield Operations, Inc. or its foreign affiliate(s) at all times and when not in use, will be stored in a secure facility controlled either by Baker Hughes Oilfield Operations, Inc. or its foreign affiliate(s).

Licensee is responsible for compliance with all applicable import, export, and other domestic regulatory requirements, including all terms and conditions of domestic materials licenses.

This license is amended to add Mexico as a 'Country(ies) of Ultimate Destination' and to change the expiration date.

//////////////////////////////////////END//////////////////////////////////////

Neither this license or 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 of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the U.S. Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE

Margaret M. Doane

NAME AND TITLE: Margaret M. Doane, Deputy Director
 Office of International Programs

DATE OF ISSUANCE: December 21, 2006

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	60	1,600	0.6	16
Americium-241/Be	60	1,600	0.6	16
Californium-252	20	540	0.2	5.4
Curium-244	50	1,400	0.5	14
Cobalt-60	30	810	0.3	8.1
Cesium-137	100	2,700	1.0	27
Gadolinium-153	1,000	27,000	10.0	270
Iridium-192	80	2,200	0.8	22
Plutonium-238 ²	60	1,600	0.6	16
Plutonium-239/Be ²	60	1,600	0.6	16
Promethium-147	40,000	1,100,000	400	11,000
Selenium-75	200	5,400	2.0	54
Strontium-90 (Y-90)	1,000	27,000	10.0	270
Thulium-170	20,000	540,000	200	5,400
Ytterbium-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 radionuclides 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

R2 = activity for radionuclides or source number 2

RN = activity for radionuclides or source number n

AR1 = activity limit for radionuclides or source number 1

AR2 = activity limit for radionuclides or source number 2

ARN = activity limit for radionuclides or source number n

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

NOTIFICATIONS: The notifications required by 10 CFR 110.50(b)(4) are to be emailed to hoo1@nrc.gov (preferred method) or faxed to 301-816-5151. In the subject line of the email or on the fax cover page include: "10 CFR 110.50(b)(4) Notification." To contact someone in the Operations Center, use the same e-mail address or call 301-816-5100. The contact information is current at the time of license issuance. Difficulties notifying the U.S. Nuclear Regulatory Commission must be promptly reported to the Office of International Programs' Import/Export licensing staff.

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 Pu-238 and Pu-239/Be in this table apply for imports to the U.S. The limits for exports of Pu-238 and Pu-239/Be can be found in §110.21.

Albania

Western Atlas International, SH.P:K
Afrim I Ri
PO Box 606, Albaposta Fier
Fier
Albania

Algeria

Western Atlas International, Inc.
BP 493 Hassi Messoud
30500 Ouargla
Ouargla
Algeria

Angola

Atlas Wireline Limited
Baker Hughes EHO LTD. Angola
Baker Atlas Sonils Oilfield SVC CTR
Luanda
Angola

Azerbaijan

Baker Hughes Services International, Inc.
Western Atlas International Inc.
340 Nizami St, BS CTR 6th Floor ISR
Baku
Azerbaijan

Bahrain

Baker Hughes EHO Ltd.
Western Atlas International, Inc.
Bahrain Towers, Al Khalifa Rd.
Bldg 20, Office 152
Manama
Bahrain

Brunei

Baker Hughes EHO Ltd.
Baker Atlas
F22 Jalan Utara
New Industrial Area, Seria
P.O. Box 686, Seria KB1133
Brunei

Congo (Brazzaville)

Baker Hughes Inteq Congo S.A.R.L.
C/O Baker Atlas
Pointe Noire
BP 357 Kouilou
Congo (Brazzaville)

Ecuador

Baker Hughes International Branches, Inc.
Division Atlas
Avenida Naciones Unidas 1014 y Amazonas,
Edificio Banco La Previsora
Torre A, 5to Piso, Of. 501
Quito
Ecuador

Baker Hughes International Branches, Inc.
Division Atlas
Via Lago Agrio, Diagonal al Aeropuerto
Puerto Francisco de Orellana (El Coca), Napo
Ecuador

Egypt

Western Atlas International
Baker Hughes Bldg No. 14, Rd 280
New Maadi
Cairo
Egypt

Equatorial Guinea

Baker Hughes Inteq-France SA
Cocóteros Calle Abilio Balboa 4
Malabo Bioko Norte
Equatorial Guinea

India

Baker Hughes Singapore Pte –
India Project Office
C/O Reliance Industries Limited
MMTC Warehouse
Next to Port Administration Building
Kakinada A.P. State
India

Baker Hughes Singapore Pte –
India Project Office
C/O Reliance Industries Limited
Offshore Rig "Actinia"
Block #KG-OSN-97/2, KG-OSN-97/3,
KG-OSN-2001/1, KG-OSN-2001/2
Bay of Bengal
India

Baker Hughes Singapore Pte –
 India Project Office
 C/O Cairn Energy India
 N-H-1 Drill Site (Village & Kharsa-
 Praganiyon Ki Dhani and Hariyali)
 Bhadka
 Tehsil-Barmer, District-Barmer
 Rajasthan
 India

Indonesia

PT Baker Atlas Indonesia
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 J1 Cilandak KKO
 Jakarta
 Indonesia

PT Baker Atlas Indonesia
 JL. Jendral Sudirman No. 46
 Prabumulih
 Sumatra Seletan
 Indonesia

PT Baker Atlas Indonesia
 Div of Baker Atlas
 JL Mulawarman KM 16, RT 15/RW03, 63
 Balikpapan, Kalimantan Timur
 Indonesia

Kuwait

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 Exim Trading Company LTD
 25731
 Safat
 Kuwait

Malaysia

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 Lot No 8, Jalan Arsat Light
 Industrial Estate
 Labuan Federal Territory
 Malaysia

Baker Atlas (M) SDN BHD
 3 Door 4/5 Kemaman Supply Base
 Kemaman
 Terrengganu
 Malaysia

Baker Atlas (M) SDN BHD
 Lot 31, Block 3, 2nd Floor
 Piasau Industrial Estate
 Miri, Sarawak
 Malaysia

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 Malaysia

Mauritania

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Mexico

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Namibia

Baker Hughes EHO Ltd
 C/O Manica Group Namibia Logistics
 Shell Explo & Pro Nam Bv, 55 Haven
 Luderitz
 Namibia

Nigeria

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Oman

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