



U.S. Department
of Transportation
**Pipeline and
Hazardous Materials
Safety Administration**

**IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE USA/0749/S-96, REVISION 2**

East Building, PHH-23
1200 New Jersey Avenue Southeast
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive material.

1. Source Identification - Baker Hughes Model ATL-15 capsule.
2. Source Description - Cylindrical single encapsulation made of Type 17-4 stainless steel and heliarc seal welded. Approximate outer dimensions are 21.6 mm (0.85 in.) in diameter and 96.5 mm (3.8 in.) in length. Construction shall be in accordance with attached Baker Hughes Drawing No. A1003459000, Rev. A.
3. Radioactive Contents - No more than 0.57 TBq (15.5 Ci) of Americium-241. The Am-241 is in oxide form and mixed with a beryllium powder.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the applicable requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires on May 31, 2022.

¹ "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

² Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

CERTIFICATE USA/0749/S-96, REVISION 2


This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the April 28, 2017 petition by Baker Hughes Oilfield Operations, Inc., Houston, TX, and in consideration of other information on file in this Office.

Certified By:



May 17 2017

(DATE)

 _____
William Schoonover
Acting Associate Administrator for Hazardous Materials Safety

Revision 2 - Issued to extend the expiration date.



U.S. Department
of Transportation

East Building, PHH-23
1200 New Jersey Avenue SE
Washington, D.C. 20590

**Pipeline and
Hazardous Materials
Safety Administration**

CERTIFICATE NUMBER: USA/0749/S-96, Revision 2

ORIGINAL REGISTRANT(S):

Mr. James K. Elrod
Radiation Safety Officer
Baker Hughes Oilfield Operations, Inc.
Houston Technology Center
2001 Rankin Road
Houston, TX 77373

Mr. David E. Huber
Radiation Safety Officer
Baker Hughes Oilfield Operations, Inc.
2001 Rankin Road
Houston, TX 77373

Mr. Dylan Dailey
Radiation Safety Officer
Baker Hughes Oilfield Operations, Inc.
2001 Rankin Road
Houston, TX 77373

Mr. Philip Simpkin
Radiation Safety Officer
Baker Hughes Oilfield Operations, Inc.
2001 Rankin Road
Houston, TX 77373