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

U.S. Department of Transportation

Pipeline and Hazardous Materials Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS

CERTIFICATE USA/0703/S, REVISION 5

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 Agency[1] and the United States of America[2] for the transport of radioactive material.

1. Source Identification - QSA Global, Inc. Model X7 (Manufactured on or after August 20, 1982).

2. Source Description - Cylindrical single encapsulation made of stainless steel and tungsten inert gas or laser seal welded. Approximate outer dimensions are 4.6 mm (0.18 in.) in diameter and 6.3 mm (0.25 in.) in length. Minimum wall thickness is 0.6 mm (0.02 in.). Construction shall be in accordance with attached AEA Technology QSA, Inc. Drawing Number RBA62010, Rev. A.

3. Radioactive Contents - No more than either 740 MBq (20.0 mCi) of Ba-133, 37.0 GBq (1.0 Ci) of Cs-137, 11.1 GBq (300.0 mCi) of Am-241, or 740.0 Mbq (20.0 mCi) of Ra-226. The Ba-133 is in the form of a sulfate in ion exchange beads or as a ceramic enamel. The Cs-137 is in the form of a calcium silicate in a glass matrix, sulfate in ion exchange beads, or sulfate as a ceramic enamel. The Am-241 is in the form of an oxide incorporated into a ceramic enamel. The Ra-226 is in the form of a sulfate as compressed pellets.

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[1] "Regulations for the Safe Transport of Radioactive Material, 2018 Edition, No. SSR-6 (Rev. 1)" 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/0703/S, REVISION 5

4. Management System Activities - Records of Management System activities required by Paragraph 306 of the IAEA regulations 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 requirements of Subpart H of 10 CFR 71.

5. Expiration Date - This certificate expires on March 31, 2031. Previous editions which have not reached their expiration date may continue to be used.

This certificate is issued in accordance with paragraph(s) 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the February 16, 2026 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

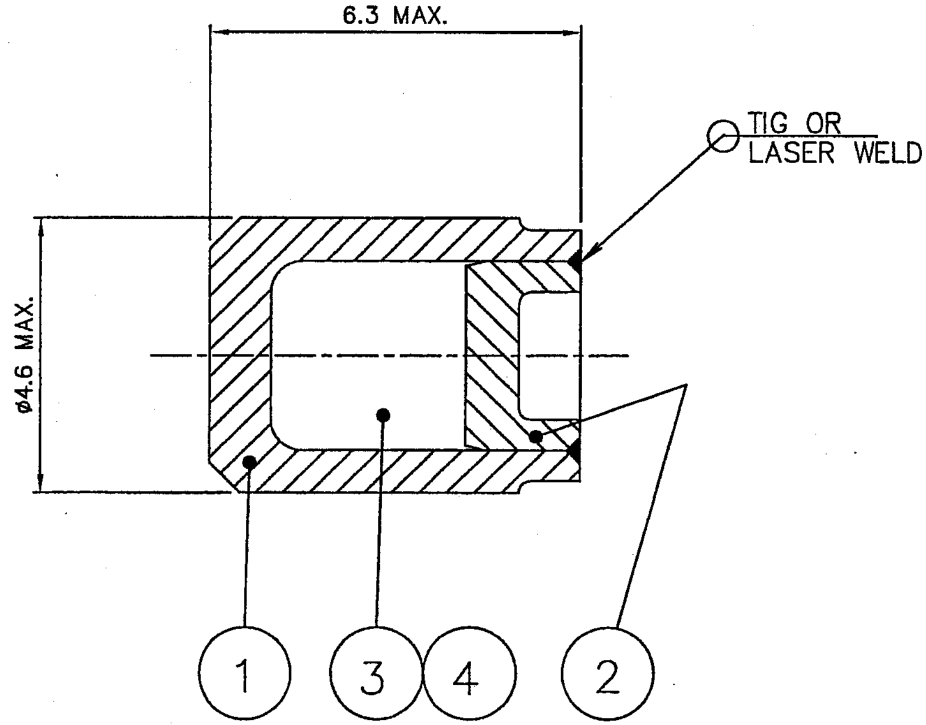
Certified By:

for William Quade
Acting Associate Administrator for
Hazardous Materials Safety

March 04, 2026
(DATE)

Revision 5 - Issued to endorse to 2018 edition of the IAEA Regulations for the Safe Transport of Radioactive Material, SSR-6 (Rev. 1) and to extend the expiration date.

Item	Description		No off
1	BODY	STAIN.STL.	1
2	LID	STAIN.STL.	1
3	ACTIVE MATERIAL		A/R
4	CERAMIC FIBRE		A/R



ERF #	981

APPROVALS

[signature]	2/8/05
[signature]	8 Feb 05

DIMENSIONS IN MILLIMETERES
UNLESS OTHERWISE STATED TOLERANCES:

X ±0.5
X.X ±0.1
X.XX ±0.05
ANGULAR ±5°

INTERNAL N7
EXTERNAL N6

AEA TECHNOLOGY QSA
40 NORTH AVE, BURLINGTON, MA 01803

DESCRIPTIVE DRAWING

TITLE X7 CAPSULE ASSEMBLY

SIZE A | DWG. NO. RBA62010 | REV A

SCALE: NONE | SHEET 1 OF 1

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Washington, D.C. 20590

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Pipeline and Hazardous Materials Safety Administration

CERTIFICATE NUMBER: USA/0703/S-96

ORIGINAL REGISTRANT(S):

QSA Global, Inc.
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Burlington, MA, 01803
USA

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Houston, TX, 77032
USA

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MD-225
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