



U.S. Department  
of Transportation

Pipeline and  
Hazardous Materials  
Safety Administration

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

IAEA CERTIFICATE OF COMPETENT AUTHORITY  
SPECIAL FORM RADIOACTIVE MATERIALS

CERTIFICATE USA/0618/S, REVISION 6

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<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive material.

1. Source Identification - QSA Global, Inc. Model X.2109 (Manufactured on or after September 28, 1987).
2. Source Description - Double encapsulation, cylindrically shaped, annular source capsule made of stainless steel. Welds are by tungsten inert gas or laser method. Approximate outer dimensions are 76.0 mm (2.99 in.) in diameter and 135.1 mm (5.32 in.) in length. Construction shall be in accordance with attached AEA Technology QSA, Inc. Drawing No. RBA61944, Rev. A.
3. Radioactive Contents - No more than 925 GBq (25 Ci) Americium-241 oxide mixed with beryllium powder and pressed into a solid pellet.
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 February 28, 2031. Previous editions which have not reached their expiration date may continue to be used.

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<sup>1</sup> "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.

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

**CERTIFICATE USA/0618/S, REVISION 6**

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 January 30, 2026 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:

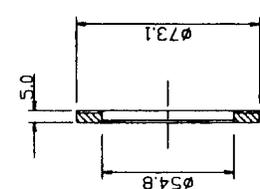
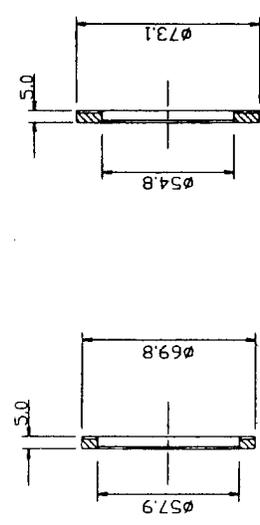
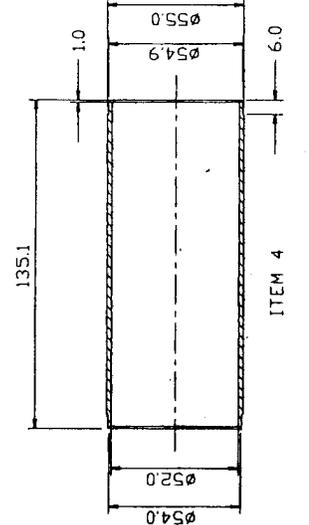
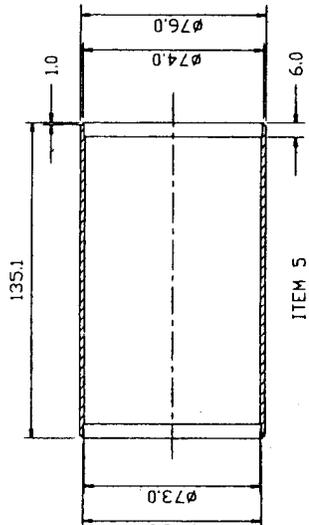
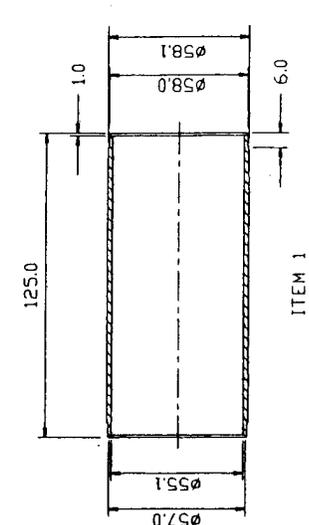
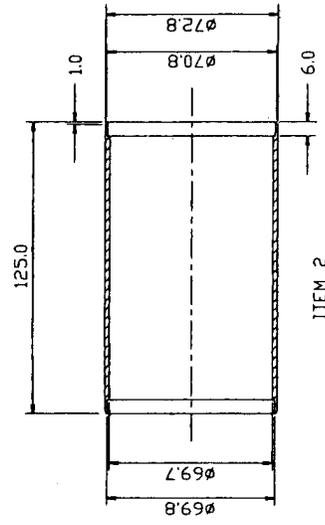
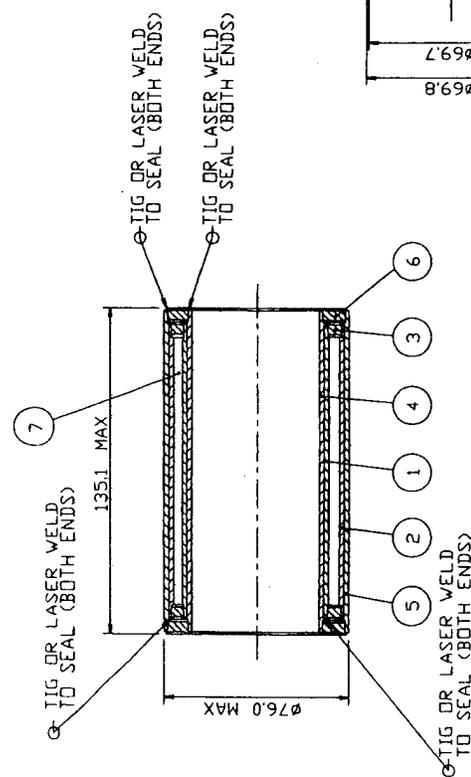


February 23, 2026  
(DATE)

 William Quade  
Acting Associate Administrator for  
Hazardous Materials Safety

Revision 6 - 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	Qty.
1	CELL BODY INNER STAINSTL.	1
2	CELL BODY OUTER STAINSTL.	1
3	CELL LID STAINSTL.	.2
4	SHEATH BODY INNER STAINSTL.	1
5	SHEATH BODY OUTER STAINSTL.	1
6	SHEATH LID STAINSTL.	2
7	ACTIVE MATERIAL	AR



**APPROVALS**

*[Signature]* *[Signature]*  
*[Signature]* *[Signature]*  
 27 Nov 03 27 Jan 03

DIMENSIONS IN MILLIMETERS  
 UNLESS OTHERWISE STATED TOLERANCES:

X	±0.5	INTERNAL
XX	±0.1	INTERNAL
XXX	±0.05	INTERNAL
	±5°	EXTERNAL

**AEATECHNOLOGY**  
 USA  
 40 NORTH AVE. BURLINGTON, MA 01803

**DESCRIPTIVE DRAWING**

TITLE: X2109 CAPSULE ASSEMBLY

SIZE: DWG. NO. RBA61944

SCALE: NONE

REV A

SHEET 1 OF 1

ERF # 406

ITEM 3

ITEM 6



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East Building, PHH-23  
1200 New Jersey Ave, SE  
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**CERTIFICATE NUMBER:** USA/0618/S-96

**ORIGINAL REGISTRANT(S) :**

QSA Global, Inc.  
40 North Avenue  
Burlington, MA, 01803  
USA