



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/0807/S, REVISION 3

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 - QSA Global, Inc. Model X9105/1.
2. Source Description - Cylindrical single encapsulation made of 300 series stainless steel and seal welded. The radioactive material may be inside an inner assembly made of stainless steel, platinum, or platinum alloy. Approximate outer dimensions are 60.2 mm (2.37 in.) in diameter and 139.95 mm (5.51 in.) in length. Construction shall be in accordance with attached QSA Global, Inc. Drawing No. RB00442-1, Rev. B.
3. Radioactive Contents - No more than 111 GBq (3 Ci) of Radium-226. The Ra-226 is in the form of a chloride, bromide, sulphate, titanate or carbonate.
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 September 30, 2029. Previous editions which have not reached their expiration date may continue to be used.

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/0807/S, REVISION 3

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 August 8, 2024 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:

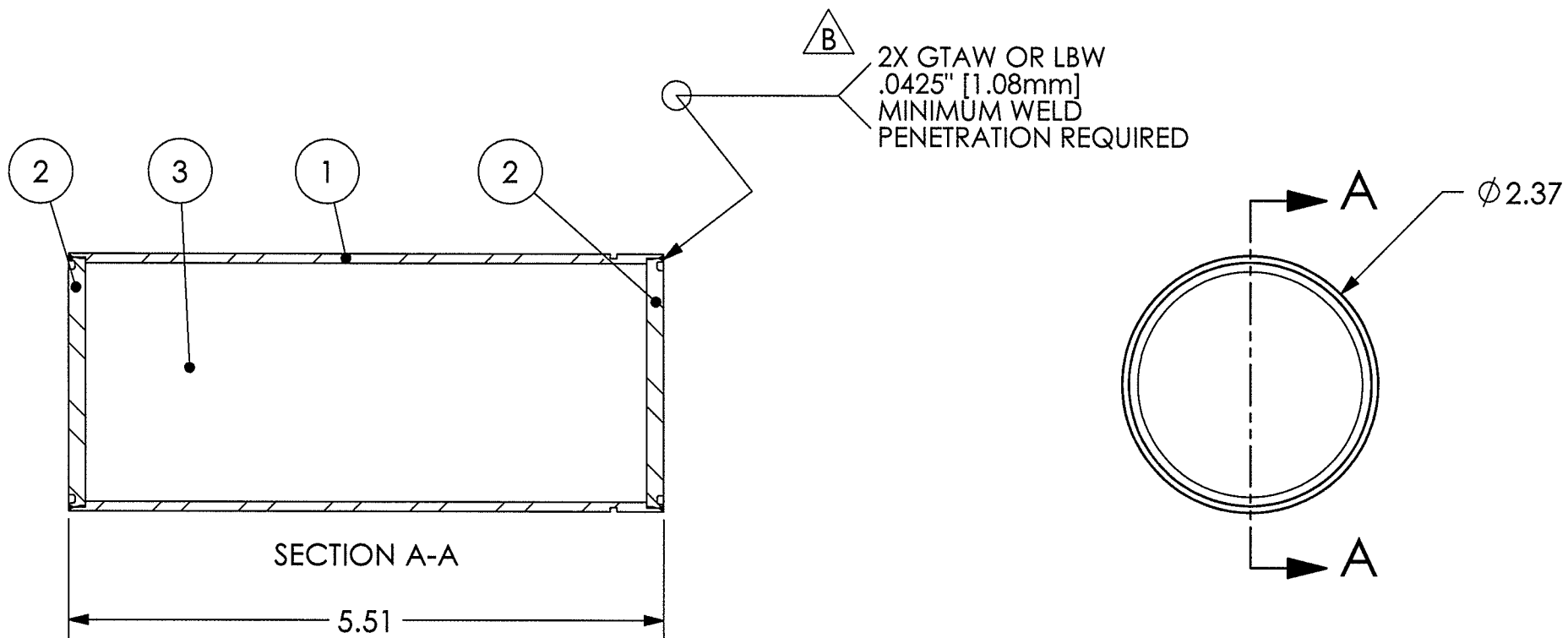


September 19,
2024

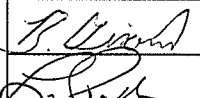
(DATE)

 William Schoonover
Associate Administrator for Hazardous
Materials Safety

Revision 3 - Issued to extend the expiration date and issue the certificate to the 2018 edition of SSR-6.



- NOTES:
1. STAINLESS STEEL, PLATINUM OR PLATINUM ALLOY CAPSULE(S) MAY BE PLACED WITHIN OUTER CAPSULE.

3	-	INNER CAPSULE(S)	-	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE INCHES, TOLERANCE $\pm 1/16$		
2	2	LID, X9105/1 CAPSULE	STAINLESS STEEL			
1	1	BODY, X9105/1 CAPSULE	STAINLESS STEEL	 QSA GLOBAL 40 NORTH AVE, BURLINGTON, MA 01803		
ITEM	QTY	TITLE	MATERIAL			
			ERF #	APPROVALS	DATE	TITLE X9105/1
			3248	 	01 APR 2015 1 Apr 15	SIZE A DWG. NO. RB00442-1 REV B SCALE: NONE SHEET 1 OF 1



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CERTIFICATE NUMBER: USA/0807/S

ORIGINAL REGISTRANT(S) :

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

Department of Energy
U.S. Department of Energy
1000 Independence Ave, SW
EM-60
Washington, DC, 20585
USA