



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/0614/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 Agency¹ and the United States of America² for the transport of radioactive material.

1. Source Identification - QSA Global, Inc. Model X.1218 (Manufactured on or after January 17, 1991).
2. Source Description - Cylindrical single encapsulation constructed of stainless steel and tungsten inert gas or laser seal welded. Ceramic fiber packing is included within the encapsulation to localize the active source material. Approximate outer dimensions are 6.05 mm (0.24 in.) in diameter and 10.2 mm (0.40 in.) in length. Construction shall be in accordance with attached AEA Technology QSA, Inc. Drawing No. RBA62269, Rev. A.
3. Radioactive Contents - No more than 555 MBq (15 mCi) of Cesium-137 in a glass matrix.
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 December 31, 2030. 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.

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CERTIFICATE USA/0614/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 December 12, 2025 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:



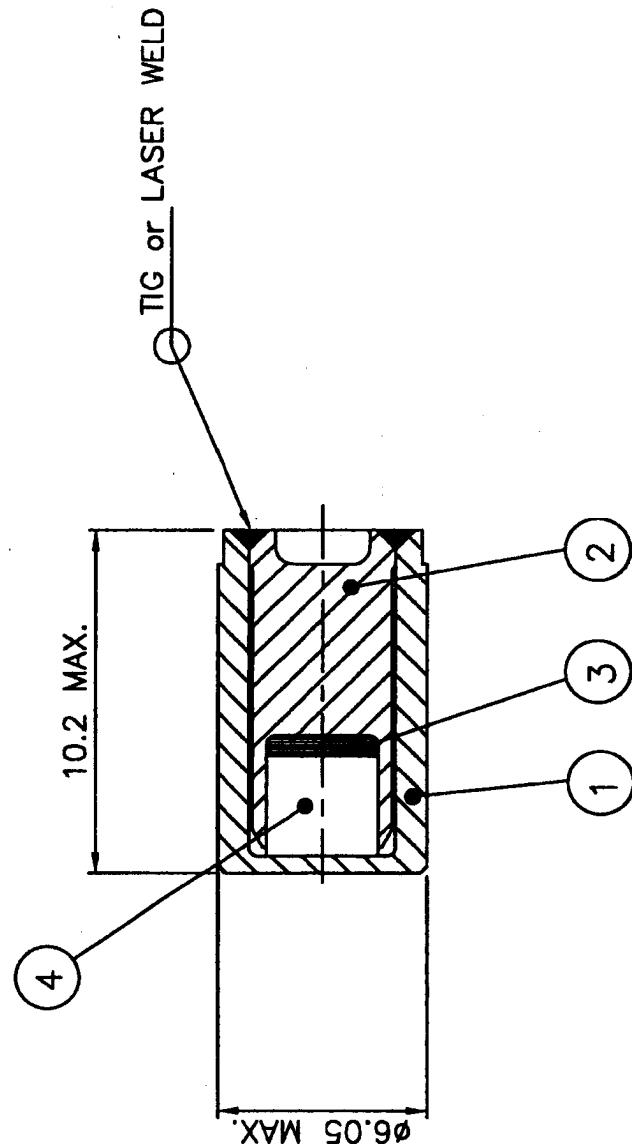
William Quade
Acting Associate Administrator for
Hazardous Materials Safety

January 16, 2026

(DATE)

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	Material	QTY
1	BODY	STAIN, STL	1
2	lid	STAIN, STL	1
3	PACKING	CERAMIC FIBER	A/R
4	ACTIVE MATERIAL		A/R



APPROVALS		DESCRIPTIVE DRAWING	
<i>M. J. Kramer</i>	17.12.2021 S&P Q3	AEATechnology 40 NORTH AVE, BURLINGTON, MA 01803	
<i>D. P. Cole</i>	17.12.2021	TITLE X1218 CAPSULE ASSEMBLY	
DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED TOLERANCES: X ±0.5 X.X ±0.1 X.XX ±0.05 ANGULAR ±5°		SIZE A	DWG. NO. RBA622269 SCALE: N/A
		REV A	SHEET 1 OF 1



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CERTIFICATE NUMBER: USA/0614/S-96

ORIGINAL REGISTRANT(S) :

QSA Global, Inc.
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Burlington, MA, 01803
USA

Troxler Electronic Laboratories
3008 Cornwallis Road
Research Triangle Park, NC, 27709
USA