



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS

CERTIFICATE USA/0500/S, REVISION 8

East Building, PHH-23
1200 New Jersey Ave, SE
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 - QSA Global, Inc. Model X.1065.
2. Source Description - Cylindrical single or double encapsulation made of Type 316 or 316L stainless steel and tungsten inert gas or laser seal welded. Approximate exterior dimensions are 6.4 mm (0.25 in.) in diameter and 18.5 mm (0.73 in.) in length. Minimum wall thickness is 0.66 mm (0.026 in.). Any inner encapsulation shall be made of stainless steel, aluminum, or titanium. Construction shall be in accordance with attached QSA Global, Inc. Drawing No. R87520, Rev. B.
3. Radioactive Contents - No more than 10.73 TBq (290.0 Ci) of Iridium-192 or Cobalt-60 in solid metal form.
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.

CERTIFICATE USA/0500/S, REVISION 8

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 3, 2025 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

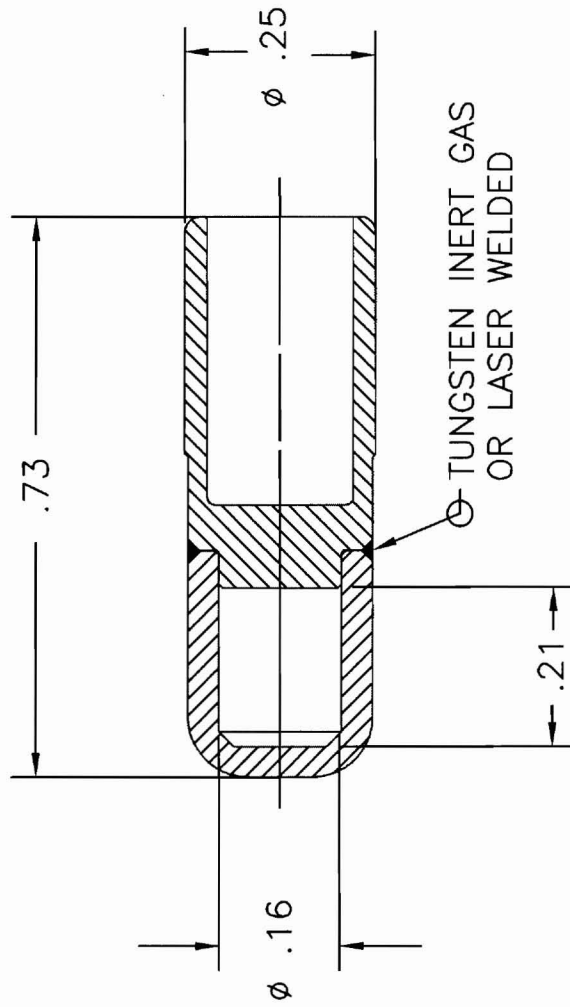
Certified By:



William Quade
Acting Associate Administrator for
Hazardous Materials Safety


December 30, 2025
(DATE)

Revision 8 - 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.



NOTES:

1. INTERNAL VOID TO BE 0.010 mL OR GREATER.
2. MATERIAL: 316L STAINLESS STEEL OR EQUIVALENT.
3. INNER CAVITY DIMENSIONS MAY VARY. METALLIC SPACERS, SPRINGS AND GUARDS WHICH SECURE AND/OR LOCATE THE RADIOACTIVE MATERIAL WITHIN THE CAPSULE MAY BE USED.
4. MINIMUM WALL THICKNESS TO BE 0.026.

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|--|--|---------------------------------|--|
|  QSA GLOBAL 40 NORTH AVE, BURLINGTON, MA 01803 | | DESCRIPTIVE DRAWING | |
| APPROVALS <i>[Signature]</i> | | DATE 25 JUL 07 | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES: FRACTIONS $\pm 1/8$ X.X ± 0.12 X.XX ± 0.06 X.XXX ± 0.020 | | TITLE X1065 CAPSULE ASSEMBLY | |
| SIZE A | | DWG. NO. R87520 | |
| SCALE: NONE | | SHEET 1 OF 1 | |
| REV B | | | |



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CERTIFICATE NUMBER: USA/0500/S-96

ORIGINAL REGISTRANT(S) :

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