



U.S. Department
of Transportation
**Pipeline and
Hazardous Materials
Safety Administration**

**IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE USA/0688/S-96, REVISION 2**

East Building, PHH-23
1200 New Jersey Avenue Southeast
Washington, D.C. 20590

This certifies that the sources described have 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. Models X.92 and X.92/2 (Both models manufactured on or after January 19, 1981).
2. Source Description - Cylindrical single encapsulations made of stainless steel and tungsten inert gas or laser seal welded. The Model X.92 incorporates a copper gasket, a stainless steel insert, and a stainless steel spring. The Model X.92/2 incorporates a gold disc and a stainless steel insert. Approximate exterior dimensions of both models are 15.1 mm (0.59 in.) in diameter and 6.6 mm (0.24 in.) in length. Minimum wall thickness of both models is 0.2 mm (0.008 in.). Construction shall be in accordance with attached AEA Technology QSA, Inc. Drawing No. RBA11061, Rev. B.
3. Radioactive Contents - No more than 25.0 GBq (675.0 mCi) of Americium-241. The Am-241 is in the form of an oxide incorporated into a ceramic enamel.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations¹ 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 applicable requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires on June 30, 2019.

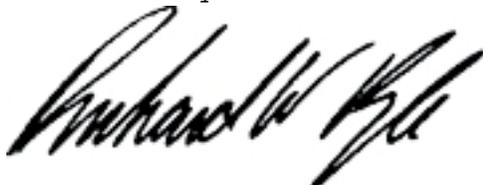
¹ "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

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

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This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the June 02, 2014 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:



Jun 27 2014

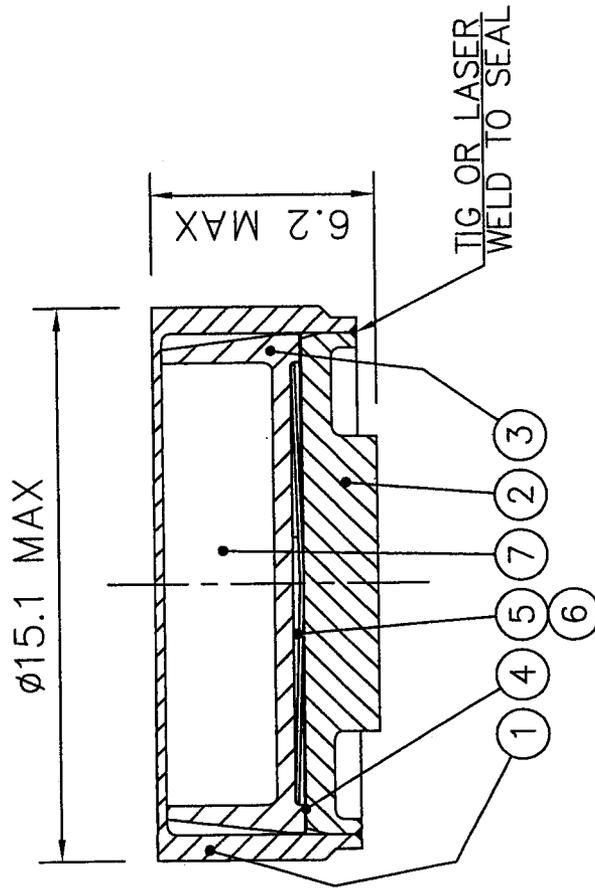
(DATE)

 Dr. Magdy El-Sibaie

Associate Administrator for Hazardous Materials Safety

Revision 2 - Issued to extend the expiration date.

ITEM No.	DESCRIPTION	QTY.
1	BODY	1
2	LID	1
3	INSERT	1
4	GASKET (X92 ONLY)	1
5	SPRING (X92 ONLY)	1
6	GOLD DISC (X92/2 ONLY)	1
7	ACTIVE MATERIAL	AR



DESCRIPTIVE
DRAWING

TITLE X92 & X92/2 CAPSULE ASSY

APPROVALS	
<i>R. J. Munn</i>	21 SEP 07
<i>R. P. DeLo</i>	21 SEP 07

DIMENSIONS IN MILLIMETERS
 UNLESS OTHERWISE STATED TOLERANCES:
 X ±0.5
 X.X ±0.1
 X.XX ±0.05
 ANGULAR ±5°
 INTERNAL $\frac{M}{N}$
 EXTERNAL $\frac{N}{M}$

SIZE	DWG. NO.	REV
A	RBA11061	B
SCALE: NONE		SHEET 1 OF 1

ERF # 895



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ORIGINAL REGISTRANT(S):

Ms. Lori Podolak
Manager, Regulatory Affairs/Quality Assurance
QSA Global, Inc.
40 North Avenue
Burlington, MA 01803

Mr. Michael Fuller
Regulatory Compliance Associate
QSA Global, Inc.
40 North Avenue
Burlington, MA 01803

Jake Edelman
Health Physicist
QSA Global, Inc.
40 North Avenue
Burlington, MA 01803