



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE USA/0638/S-96, REVISION 1

East Building, PHH-23
1200 New Jersey Avenue 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 VZ-260.
2. Source Description - Cylindrical double encapsulation made of stainless steel and tungsten inert gas or laser seal welded. Approximate exterior dimensions are 6.5 mm (0.26 in.) in diameter and 9.2 mm (0.36 in.) in length. Minimum wall thickness on the outer encapsulation is 0.3 mm (0.01 in.). Construction shall be in accordance with attached AEA Technology QSA, Inc. Drawing No. RVZ260, Rev. A.
3. Radioactive Contents - No more than either 55.5 GBq (1.5 Ci) Cobalt-60 or 18.5 GBq (0.5 Ci) Cesium-137. The Co-60 is in solid metal form and the Cs-137 is either chemically bonded within a borosilicate glass polymer or in the form of a solid resin bead.
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 April 30, 2013.

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 April 03, 2008 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:



Apr 21 2008

(DATE)

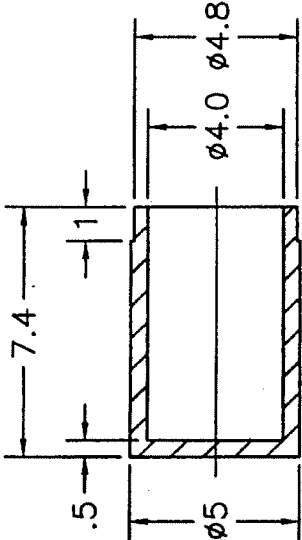
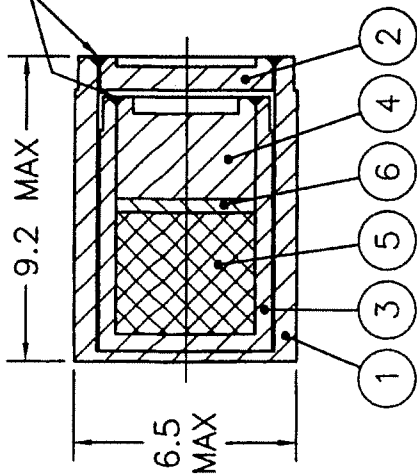
Robert A. Richard

Deputy Associate Administrator for Hazardous Materials Safety

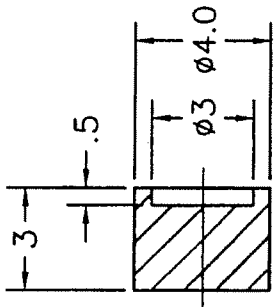
Revision 1 - Issued to extend the expiration date and to update corporate name.

ITEM No.	DESCRIPTION	QTY.
1	SHEATH BODY	1
2	SHEATH LID	1
3	CELL BODY	1
4	CELL LID	1
5	ACTIVE MATERIAL	AR
6	SPACER	AR

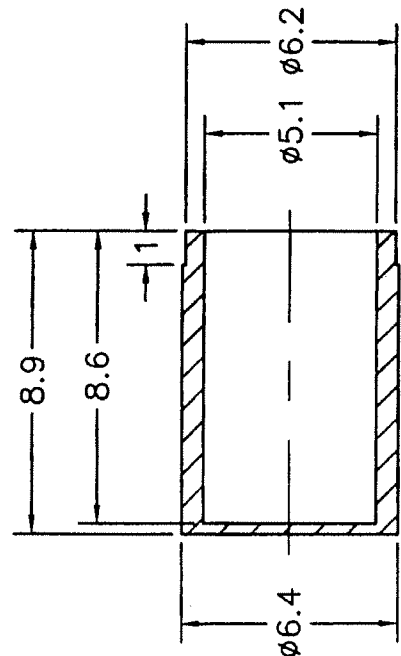
TIG OR LASER
WELD TO SEAL



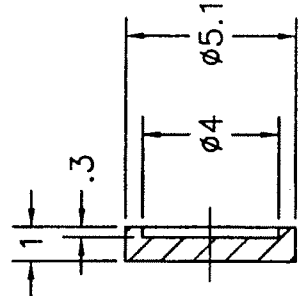
ITEM 3



ITEM 4



ITEM 1



ITEM 2

		DESCRIPTIVE DRAWING	
APPROVALS <i>[Signatures]</i>		TITLE VZ-260/2	
DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED TOLERANCES: X ±0.5 X.X ±0.1 X.XX ±0.05 ANGULAR ±5°		SIZE A	
INTERNAL <input checked="" type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>		DWG. NO. RVZ260	
ERF # 592		SCALE: NONE	
		SHEET 1 OF 1	
		REV A	

AEATECHNOLOGY
USA
40 NORTH AVE. BURLINGTON, MA 01803



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Washington, D.C. 20590

CERTIFICATE NUMBER: USA/0638/S-96, Revision 1

ORIGINAL REGISTRANT(S):

Ms. Lori Podolak
Product Licensing Specialist
QSA Global, Inc.
40 North Avenue
Burlington, MA 01803

Ms. Cathleen Roughan
Director, Regulatory Affairs and QA
QSA Global, Inc.
40 North Avenue
Burlington, MA 01803

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