



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/0606/S-96, REVISION 5

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 Agency<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive material.

1. Source Identification - QSA Global, Inc. Model VZ-64/1 (Manufactured prior to April 7, 2009) and Model 60041.
2. Source Description - Cylindrical double encapsulation made of Type 321 stainless steel and tungsten inert gas seal welded. Approximate outer dimensions are 6.5 mm (0.256 in.) in diameter and 16.1 mm (0.634 in.) in length. Construction shall be in accordance with attached AEA Technology QSA, Inc. Drawing No. 60041, Rev. A.
3. Radioactive Contents - No more than 111 GBq (3 Ci) of Cobalt-60. The Co-60 is in solid metallic 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 August 31, 2026. Previous editions which have not reached their expiration date may continue to be used.

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<sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 2012 Edition, No. SSR-6" published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

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

**CERTIFICATE USA/0606/S-96, REVISION 5**

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 2, 2021 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:



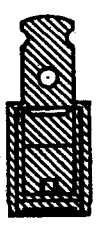
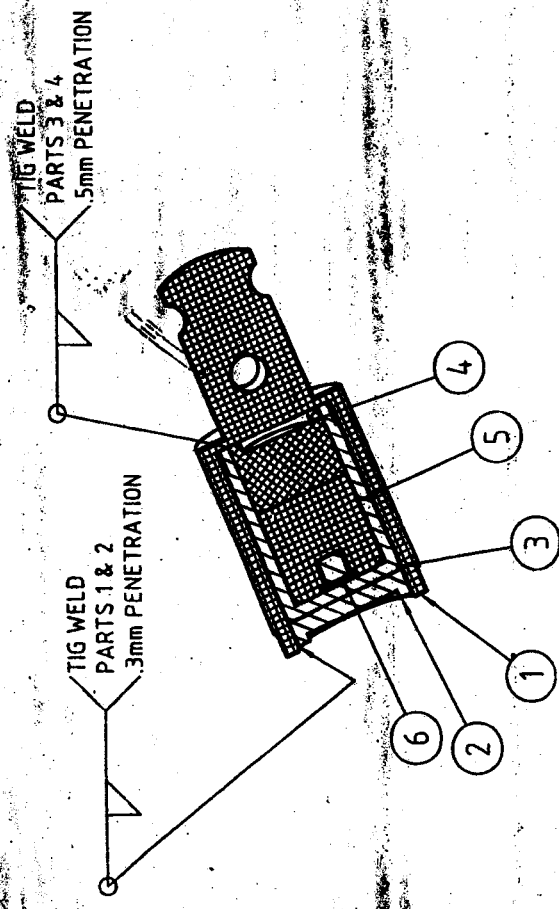
August 26, 2021

(DATE)

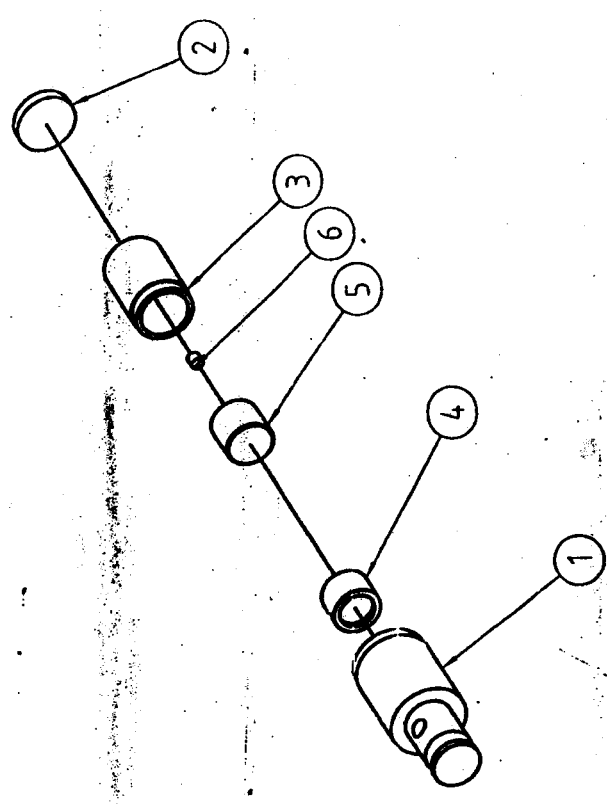
 William Schoonover  
Associate Administrator for Hazardous  
Materials Safety

Revision 5 - Issued to extend the expiration date.

REV.	REF	DESCRIPTION	APPROVALS	DATE
A	148	INITIAL RELEASE	SEE TITLE	BLOCK



A-A



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40 NORTH AVE. BURLINGTON, MA 01803

TITLE: CAPSULE ASMI., Co60,  
BACKSHIELDED, VZ TYPE.

SIZE/DWG. NO. 60041

SCALE: 1" = 1"

MATERIALS:		REF BOM	
PROTECTIVE FINISH:		CLEAN	
UNLESS OTHERWISE SPECIFIED:			
1. DIMENSIONS ARE IN INCHES.			
2. MIN SURFACE TEXTURE: R7			
3. DIMENSIONS APPLY AFTER FINISH.			
4. REMOVE BURRS AND SHARP EDGES.			
5. DO NOT SCALE DRAWING.			
6. TOLERANCES:			
FRACTIONS	± 1/64	X ± 0.1	
ANGLES	± 1'	.XXX ± 0.005	
DRAWN	<i>[Signature]</i>	28 NOV 01	
CHECKED	<i>[Signature]</i>		
APPL.	<i>[Signature]</i>		
		QUALITY CLASS	A
		INSPECTION	



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**CERTIFICATE NUMBER:** USA/0606/S-96

**ORIGINAL REGISTRANT(S) :**

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