



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

**IAEA CERTIFICATE OF COMPETENT AUTHORITY  
SPECIAL FORM RADIOACTIVE MATERIALS  
CERTIFICATE USA/0799/S-96, REVISION 0**

East Building, PHH-23  
1200 New Jersey Avenue Southeast  
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 Agency<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive material.

1. Source Identification - Source Production & Equipment Co., Inc. Special Form VSe-5x6.
2. Source Description - Cylindrical single encapsulation made of vanadium, laser seal welded and either coated with titanium aluminum nitride or plated with nickel. Approximate outer dimensions are 5.03 mm (0.198 in.) in diameter and 6.02 mm (0.237 in.) in length. Construction shall be in accordance with attached Source Production & Equipment Co., Inc. Drawing No. BS1241, Rev. 0.
3. Radioactive Contents - No more than 5.55 Tbq (150 Ci) of Selenium-75. The Se-75 is in either solid elemental form or as a solid metal alloy.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations<sup>1</sup> 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, 2019.

---

<sup>1</sup> "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.

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

**CERTIFICATE USA/0799/S-96, REVISION 0**

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 January 10, 2014 petition by Source Production and Equipment Company, Inc., St. Rose, LA, and in consideration of other information on file in this Office.

Certified By:



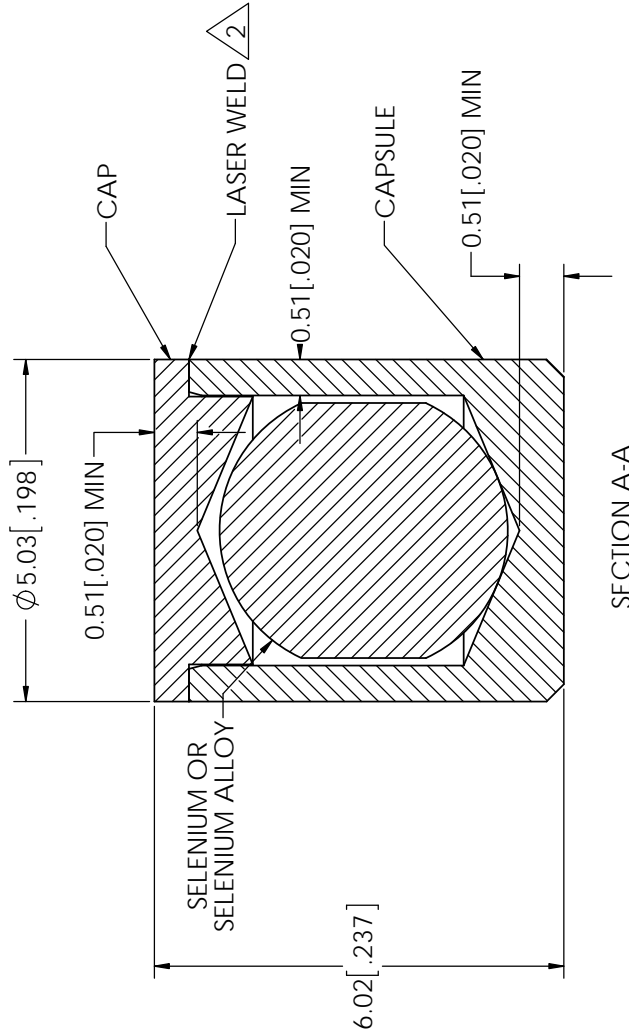
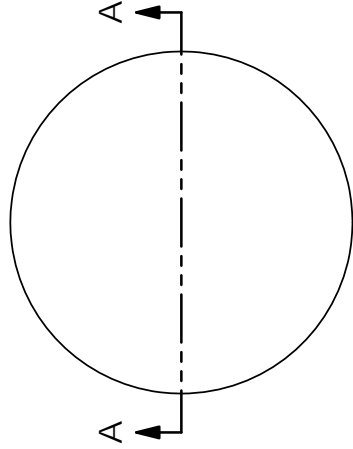
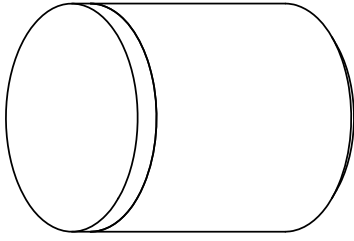
---

Dr. Magdy El-Sibaie  
Associate Administrator for Hazardous Materials Safety

**Apr 04 2014**  
(DATE)

Revision 0 - Original issue.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



SECTION A-A

NOTE:

1. ALL DIMENSIONS AND VALUES IN BRACKETS ARE ENGLISH.
2. MINIMUM WELD PENETRATION OF .51 MM [.020 IN].
3. MATERIAL: VANADIUM COATED WITH TITAN OR NICKEL (PLATING).

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS	DATE	SOURCE PRODUCTION & EQUIPMENT CO., INC. 113 TEAL ST., ST. ROSE, LA 70087	
.XX ± .25 [.010]		DRAWN KZ	01-06-14	VSc - 5 X 6	
		CHECKED MQ1	MO1	SIZE	DWG. NO.
		APPROVED MQ1	MO1	C	BS1241
TREATMENT	NONE	OA CLASS		SCALE: NTS	BS124100
FINISH	NONE			REV	0
DO NOT SCALE DRAWING				SHEET 1 OF 1	



U.S. Department  
of Transportation

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

**Pipeline and  
Hazardous Materials  
Safety Administration**

**CERTIFICATE NUMBER:** USA/0799/S-96, Revision 0

**ORIGINAL REGISTRANT(S):**

Mr. R.D. Donny Dicharry  
President  
Source Production and Equipment Company, Inc.  
113 Teal Street  
St. Rose, 70087-9691  
USA

Kelly Richardt  
Regulatory and Quality Manager  
Source Production and Equipment Company, Inc.  
113 Teal St.  
St. Rose, 70087  
USA