



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/0608/S-96, REVISION 10

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 - Source Production and Equipment Company Series B, G, R, and T Model Sources manufactured after November 30, 2002.
2. Source Description - Either single or double encapsulations constructed of Type 316L stainless steel and tungsten-inert-gas welded. Approximate outer dimensions of the single encapsulation capsules are 3.94 mm (0.155 in.) to 6.86 mm (0.270 in.) in diameter and a maximum length of 25.4 mm (1.00 in.). Approximate outer dimensions of the double encapsulation capsules are 6.35 mm (0.250 in.) in diameter and a maximum length, not including the cable attachment cavity, of 28.7 mm (1.130 in.). Construction shall be in accordance with attached Source Production and Equipment Company Drawing Nos. B920012, Rev. 1, Sheet 1 of 1; or B920008, Rev. 1, Sheet 2 of 2.
3. Radioactive Contents - No more than 11.1 TBq (300 Ci) of either Cobalt-60, Selenium-75, Ytterbium-169, or Iridium-192. The Co-60 is in the form of metallic pellets. The Se-75 is in a solid metal alloy. The Yb-169 is in the form of a solid metal oxide. The Ir-192 activity cited is output activity, as defined in ANSI Standard N432-1981, and is in the form of metal pellets.

¹ "Regulations for the Safe Transport of Radioactive Material, 2012 Edition, No. SSR-6" 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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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 March 31, 2029. Previous editions which have not reached their expiration date may continue to be used.

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 February 21, 2024 petition by Source Production and Equipment Company, Inc., St. Rose, LA, and in consideration of other information on file in this Office.

Certified By:

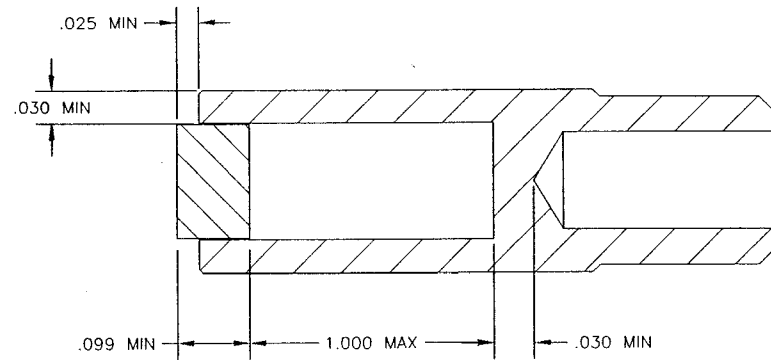
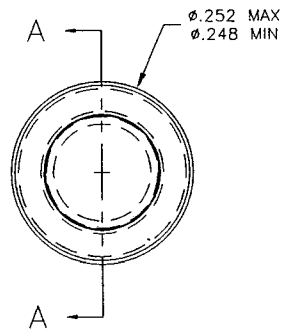


William Schoonover
Associate Administrator for Hazardous
Materials Safety

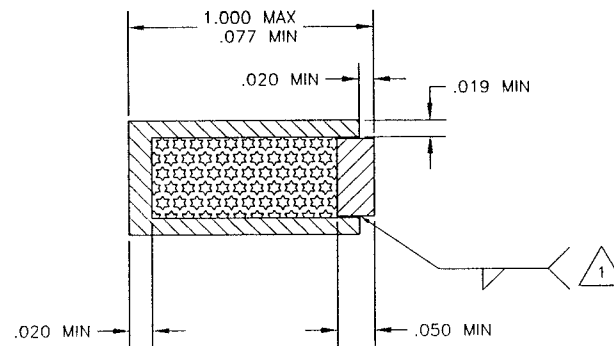
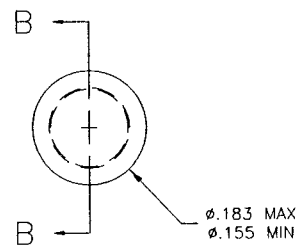
March 08, 2024
(DATE)

Revision 10 - Issued to extend the expiration date.

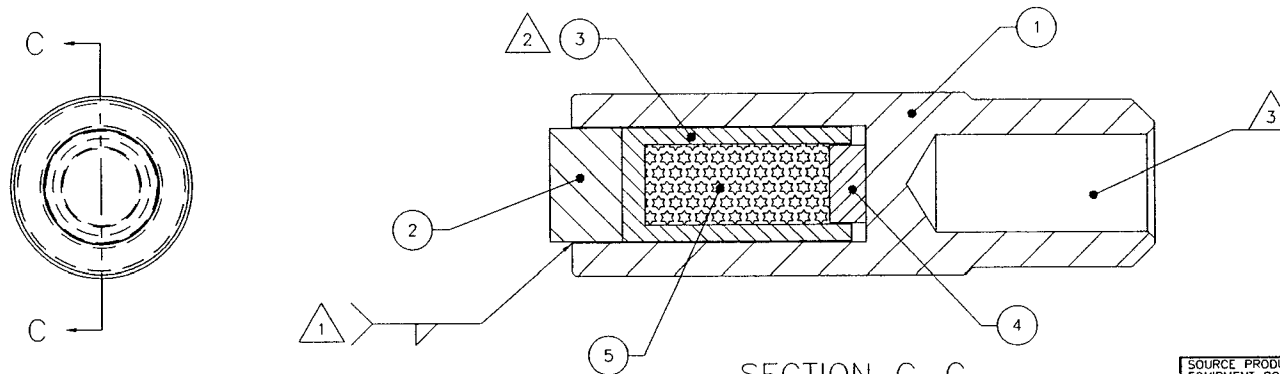
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REV	DESCRIPTION	DATE	APPROVED



SECTION A-A



SECTION B-B



SECTION C-C

SOURCE PRODUCTION & EQUIPMENT CO INC 113 TEAL ST. ST ROSE LA 70067		SIZE C	DWG NO B920008	REV 1
APPROVED <i>[Signature]</i>	SCALE: 8/1	M 00111501	SHEET 2 OF 2	



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1200 New Jersey Ave, SE
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CERTIFICATE NUMBER: USA/0608/S-96

ORIGINAL REGISTRANT(S) :

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