



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/0787/S-96, REVISION 1

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 - Gammatron AN-HP Series Model 10.
2. Source Description - Cylindrical triple encapsulation made of ARMCO 17-4 stainless steel and seal welded. Approximate outer dimensions are 25.4 mm (1.0 in.) in diameter and 91.4 mm (3.6 in.) in length. Construction shall be in accordance with attached Gammatron Inc. Drawing No. A-2071.
3. Radioactive Contents - No more than 296 GBq (8 Ci) of Americium-241. The Am 241 is in oxide form and is mixed with a beryllium powder.
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 October 31, 2022. 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/0787/S-96, REVISION 1**

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 September 21, 2017 petition by Gammatron, Houston, TX, and in consideration of other information on file in this Office.

Certified By:



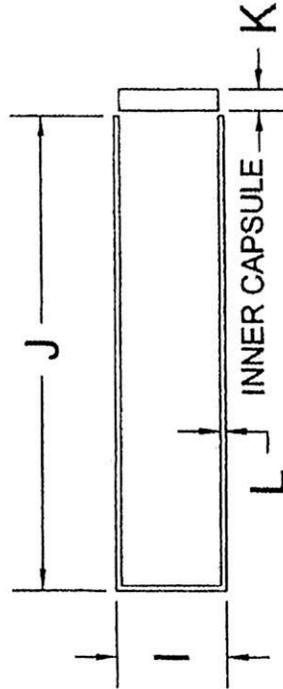
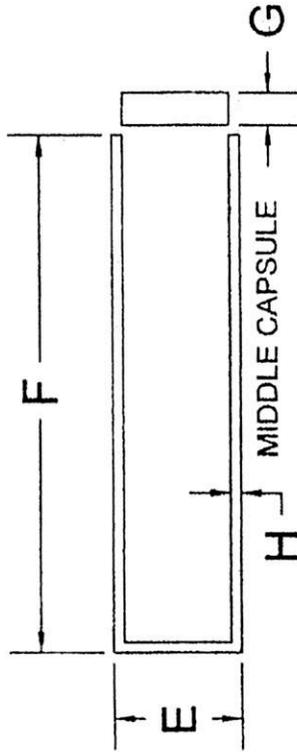
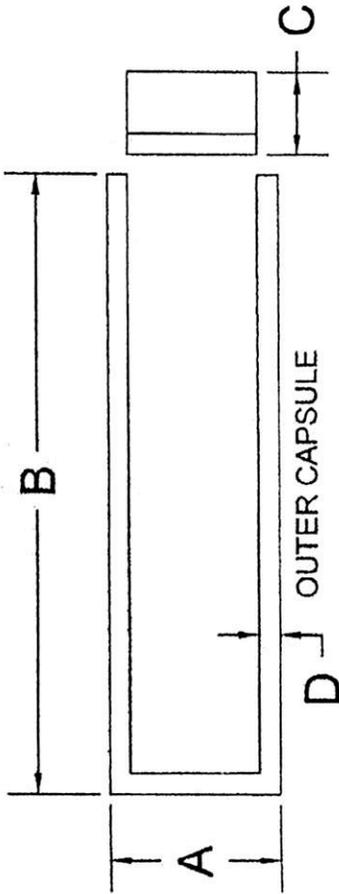
October 20, 2017

(DATE)

 William Schoonover  
Associate Administrator for Hazardous  
Materials Safety

Revision 1 - Issued to extend the expiration date.

ALL DIMENSIONS IN INCHES



**A** 1.000 ± 0.050

**B** 3.600 ± 0.050

**C** 0.125 THRU 1.480

**D** 0.120 ± 0.050

**E** 0.750

**F** 2.000 OR 3.000

**G** 0.187

**H** MIN 0.060

**I** 0.630

**J** 1.750 OR 2.750

**K** 0.125

**L** 0.030

**GAMMATRON INC.**

SCALE: 1:1 DRAWN BY: RCG

DATE: 8/12 APPROVED BY:

**AN-HP** DRAWING NUMBER:  
A-2071

**PHYSICAL SIZE: 1.0" X 3.6"**

NOTE: OUTER & INNER CAPSULES MADE  
OF ARMCO 17-4 STAINLESS STEEL



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**ORIGINAL REGISTRANT(S) :**

Gammatron  
P.O. Box 266677  
Houston, TX, 77207-6677  
USA