



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

**IAEA CERTIFICATE OF COMPETENT AUTHORITY  
SPECIAL FORM RADIOACTIVE MATERIALS  
CERTIFICATE USA/0787/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 - 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. 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 November 30, 2017.

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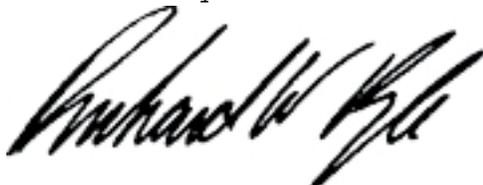
<sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

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

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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 October 11, 2012 petition by Gammatron, Houston, TX, and in consideration of other information on file in this Office.

Certified By:



**Dec 07 2012**

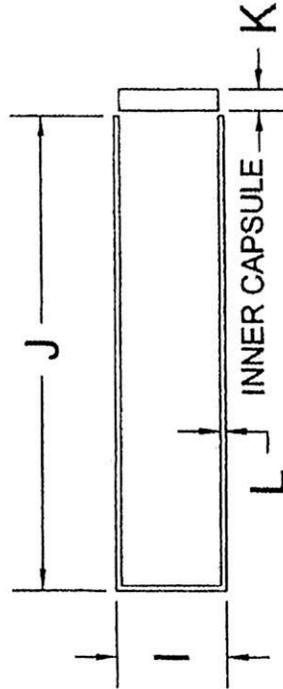
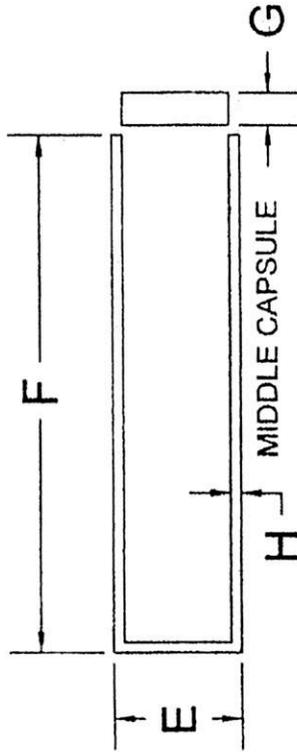
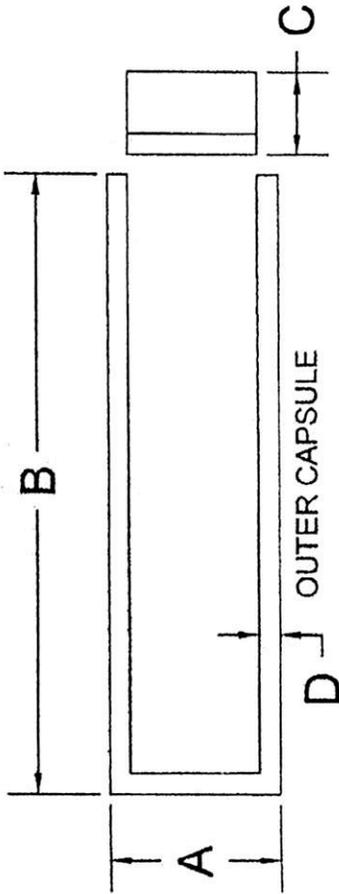
(DATE)

 Dr. Magdy El-Sibaie

Associate Administrator for Hazardous Materials Safety

Revision 0 - Original issue.

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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**CERTIFICATE NUMBER:** USA/0787/S-96, Revision 0

**ORIGINAL REGISTRANT(S):**

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