



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/0366/S-96, REVISION 9

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 Agency¹ and the United States of America² for the transport of radioactive material.

1. Source Identification - Gammatron Model GT-GHP.
2. Source Description - Cylindrical welded double encapsulation made of K-Monel 500 (USN N05500) or Armco 17-4 (USN S17400). Approximate outer dimensions are 6.35 mm (0.25 in.) in diameter and 12.7 mm (0.5 in.) to 31.75 mm (1.25 in.) in length. Construction shall be in accordance with attached Gammatron Drawing No. A-3000.
3. Radioactive Contents - No more than either 0.037 TBq (1.0 Ci) of Cesium-137 as glass microspheres, 0.037 TBq (1.0 Ci) of Cobalt-60 as metallic pellets or wire, 93 kBq (2.5 uCi) of Radium-226 as metallic foil, or 0.0037 TBq (0.1 Ci) of Californium-252 as metallic pellets or wire.
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 29, 2025. Previous editions which have not reached their expiration date may continue to be used.

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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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 July 1, 2020 petition by Gammatron, Houston, TX, and in consideration of other information on file in this Office.

Certified By:



August 05, 2020
(DATE)

 William Schoonover
Associate Administrator for Hazardous
Materials Safety

Revision 9 - Issued to extend the expiration date.

A .250" ± .010

B .50" min. 1.250" max.

Threads, taps, or handling buttons may be added. Minimum thickness applies.

C .060 min.

D .028 minimum

E .190 maximum

F B minus D + C

G .20 minimum

H .028 minimum

I

J .20 maximum

USE THIS DRAWING WITH SPECIFICATION SHEET SS-3000

GAMMATRON

SCALE: NONE

APPROVED BY

DRAWN BY

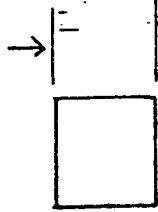
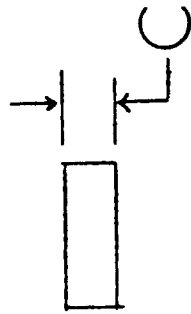
DATE:

DCJ

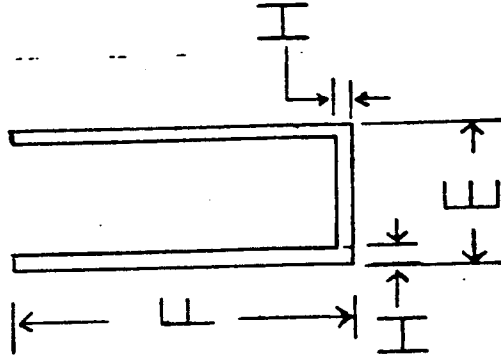
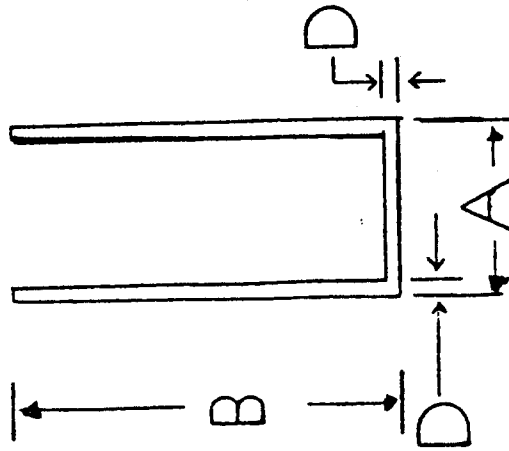
GT-GHP

SIZE — .250 x .5 through 1.25

DRAWING NUMBER
A-3000



G

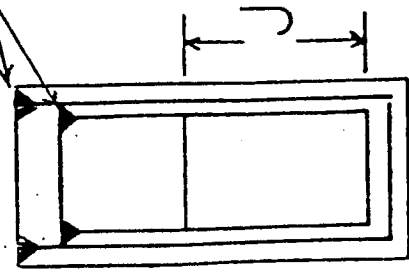


F

H

E

Hellicarc Welds



J



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CERTIFICATE NUMBER: USA/0366/S-96

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