



## **Radiation Products Design, Inc.**

### **Item 952-007 and 952-010 Certification of Radiation Container**

Items 952-007 and 952-010 has been manufactured under the following code of Federal Regulations Title 49 Transportation.

- A. 173.411 General Design Requirements.
- B. 173.412 Additional Design Requirements for Type A Packages.
- C. 173.463 Packaging and Shielding - Testing for Integrity
- D. 173.465 Type A Packing Tests
  - 1. Water Spray Test
  - 2. Free Drop Test (4 feet)
  - 3. Drop test on each of the quarters of each rim
  - 4. Compression test
  - 5. Penetration test
  - 6. Outside of container is 1/4" steel wall with 1/8" thick stainless steel inner plates. Radiation shielding is 2 1/2" thick lead in a sealed container to prevent radiation leakage if exposed to fire. A Teflon seal is used inside cover. A key lock secures screw on cover to base when shipping.
- E. Two Radioactive Material Shipping labels that are pressure sensitive with peel-off backing are to be mounted to each side of container. Radioactivity amount must be written on labels.

Item 952-010 meets all design requirements and has passed all type A packaging tests. Tests were conducted by Howard D. Larson on January 15, 1999.

Howard D. Larson  
President  
Radiation Products Design, Inc.

Date: Jan 15, 1999

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