



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

**IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE USA/0744/S-96, REVISION 2**

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

1. Source Identification - Eckert & Ziegler Isotope Products (formerly North American Scientific, Inc.) Model IND1403.
2. Source Description - Cylindrical single encapsulation made of either Type 304 or Type 316L stainless steel and fusion seal welded. Approximate outer dimensions are 2.97 mm (0.12 in.) in diameter and 5.08 mm (0.2 in.) in length. Minimum wall thickness is 0.25 mm (0.01 in.). Construction shall be in accordance with attached North American Scientific Drawing No. 1403, Rev. -, Sheet 1 of 1.
3. Radioactive Contents - No more than 1.11 GBq (30.0 mCi) of Cobalt-57. The Co-57 is in the form of a cobalt chloride on a solid resin bead.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations¹ 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 July 31, 2016.

¹ "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.

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

CERTIFICATE USA/0744/S-96, REVISION 2

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 July 08, 2011 petition by Eckert & Ziegler Isotope Products, Valencia, CA, and in consideration of other information on file in this Office.

Certified By:



Jul 22 2011

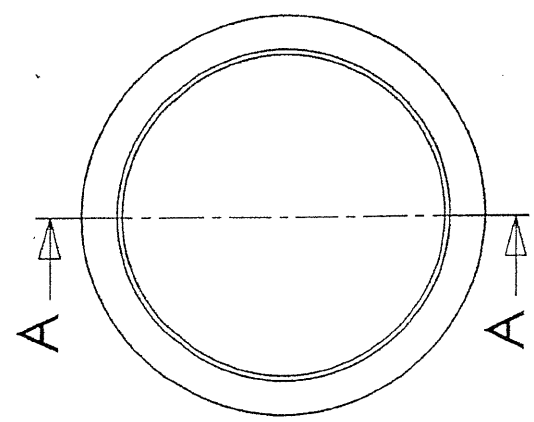
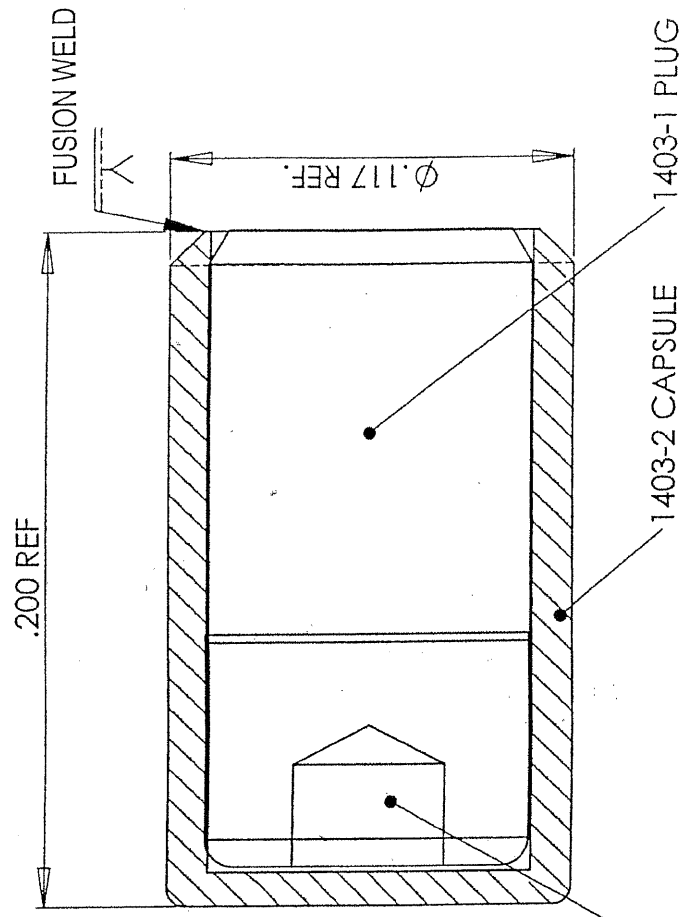
(DATE)

Dr. Magdy El-Sibaie

Associate Administrator for Hazardous Materials Safety

Revision 2 - Issued to extend the expiration date.

ZONE	REV.	DESCRIPTION	DATE	APPROVED



ACTIVITY IN RESIN-BEAD:
NOMINAL 0.8 mm DIA

MATERIAL		SIZE		WT		SPECIFICATIONS	
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/16 ANGULAR: MACH ±1/2° TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005		NAME	DATE	NORTH AMERICAN SCIENTIFIC			
FINISH 63 RMS		M.A.R.	08/11/06	ASSEMBLY IND 1403			
DO NOT SCALE DRAWING		DRAWN		SCALE: 20:1			
APPLICATION		CHECKED		DWG. NO. 1403			
NEXT ASSY		ENG APPR.		REV.			
USED ON		MFG APPR.		SHEET 1 OF 1			
APPLICATION		G.A.		WEIGHT:			
APPLICATION		COMMENTS:					

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
NAST. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
NAST IS
PROHIBITED.



U.S. Department
of Transportation

East Building, PHH-23
1200 New Jersey Avenue SE
Washington, D.C. 20590

**Pipeline and
Hazardous Materials
Safety Administration**

CERTIFICATE NUMBER: USA/0744/S-96, Revision 2

ORIGINAL REGISTRANT(S):

Ms. Frida Tan
Regulatory Affairs Manager
Eckert & Ziegler Isotope Products
24937 Avenue Tibbitts
Valencia, 91355
USA

REGISTERED USER(S):

Mr. David F. Belden
North American Scientific
20200 Sunburst Street
Chatsworth, 91311
USA