



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/0781/S-96, REVISION 2

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 Model No. 4274.
2. Source Description - Cylindrical double encapsulation made of 17-4PH stainless steel and fusion welded. Approximate outer dimensions are 11.4 mm (0.45 in.) in diameter and 19.0 mm (0.75 in.) in length. Construction shall be in accordance with attached Eckert & Ziegler Isotope Products Drawing No. 4274-REG, Rev. -, Sheet 1 of 1.
3. Radioactive Contents - No more than either 37 GBq (1 Ci) of Cobalt-60 or 111 GBq (3 Ci) of Cesium-137. The Co-60 and Cs-137 are in the form of chlorides, nitrates, or oxides in ceramic or oxides in metal or a combination thereof.
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 April 30, 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 March 3, 2020 petition by Eckert & Ziegler Isotope Products, Valencia, CA, and in consideration of other information on file in this Office.

Certified By:

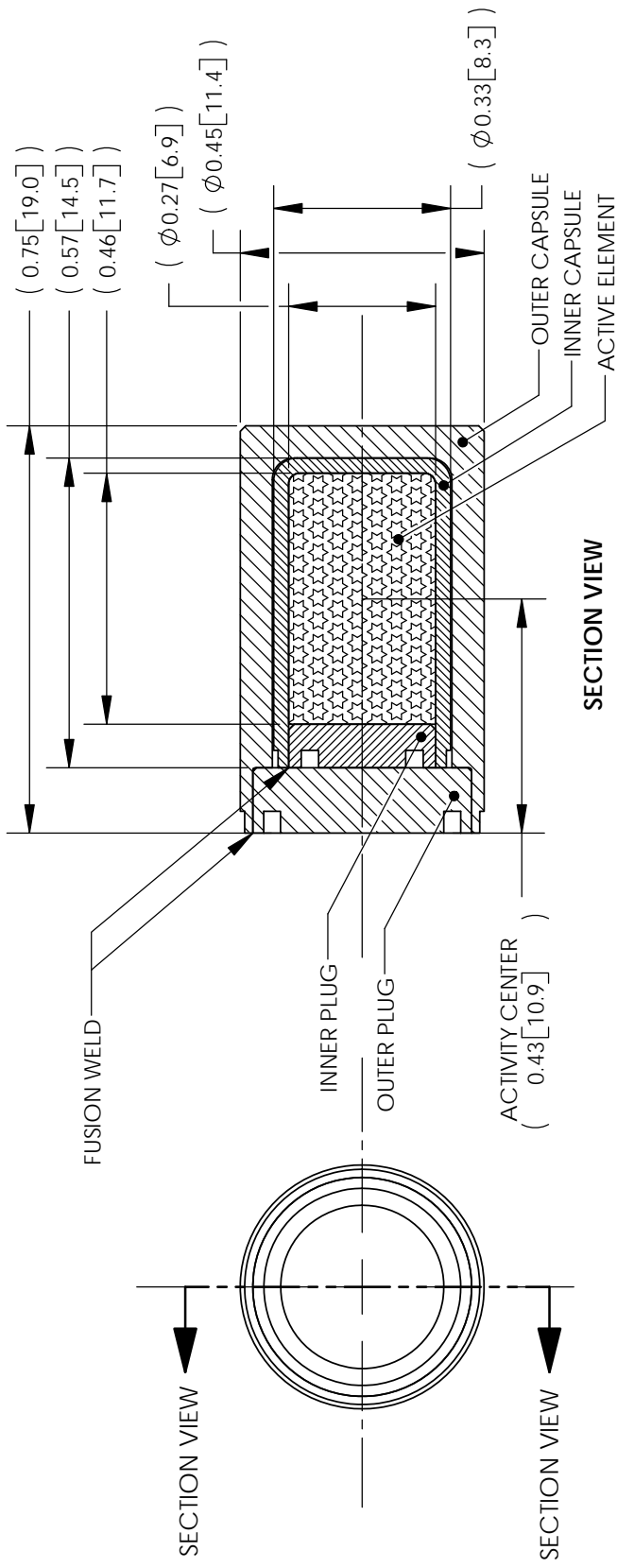


April 01, 2020

(DATE)


 William Schoonover
Associate Administrator for Hazardous
Materials Safety

Revision 2 - Issued to extend the expiration date.





MODEL NO.
NUCLIDE ACTIVITY
SERIAL NO.
MANUFACTURER
OR LOGO

MODEL VIEW (NOT TO SCALE)

MINIMUM CAPSULE ENGRAVING:
"RADIOACTIVE" OR 
RADIATION SYMBOL,
NUCLIDE, ACTIVITY,
SERIAL NO.,
MANUFACTURER, MODEL NO.

ON REVERSE SIDE OF SOURCE
(NOT SHOWN):
TRIFOIL SYMBOL AND/OR WORDING,
"DANGER (OR CAUTION) RADIOACTIVE
MATERIAL"

 Eckert & Ziegler Isotope Products VALENCIA, CALIFORNIA 91355	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCH-SIZES. METRIC UNITS [mm] ARE IN MILLIMETERS.		DRAWN KP	TITLE MODEL 4274	REV -	SHEET 1 OF 1
	ME/CHECKER JP ENGINEER KP	SERIES TITLE OIL WELL LOGGING (Cs Group)	SCALE NONE	CAGE CODE 32993	DRAWING NO. 4274-REG	
THIRD ANGLE PROJECTION 		SIZE A				
<small>THIS DRAWING IS THE PROPERTY OF ECKERT & ZIEGLER ISOTOPE PRODUCTS AND MAY NOT BE USED, REPRODUCED, PUBLISHED OR DISCLOSED TO OTHERS WITHOUT EXPRESS AUTHORIZATION BY ECKERT & ZIEGLER ISOTOPE PRODUCTS.</small>						



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ORIGINAL REGISTRANT(S) :

Eckert & Ziegler Isotope Products
24937 Avenue Tibbitts
Valencia, CA, 91355
USA