



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/0135/S, REVISION 13

This certifies that the sources described have 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 - Schlumberger Model Nos. NSR-L, NSR-M, and NSR-T.
2. Source Description - Cylindrical double encapsulations made of Type 304 stainless steel (inner encapsulations) and either 18% Ni maraging steel (MS) or MP35N alloy (outer encapsulations). Approximate outer dimensions of the Model NSR-L are 25 mm (0.98 in.) in diameter and 123 mm (4.84 in.) in length. Approximate outer dimensions of the Models NSR-M and NSR-T are 19 mm (0.75 in.) in diameter and 123 mm (4.84 in.) in length. Construction shall be in accordance with attached Schlumberger Well Services (SWS) Drawing Nos. H-239681, Rev. A or H357070, Rev. AA (Model NSR-L); or SWS Drawing Nos. H-245258, Rev. B or H357072, Rev. AA (Models NSR-M and NSR-T). All models manufactured after Dec. 31, 1999 shall be manufactured in accordance with SWS Drawing Nos. H357070, Rev. AA or H357072, Rev. AA.
3. Radioactive Contents - No more than 0.74 TBq (20.0 Ci) of Americium-241 for the Models NSR-L and NSR-M. No more than 277.5 GBq (7.5 Ci) of Americium-241 for the Model NSR-T. The Am-241 is an oxide mixed with a beryllium powder in pellet form.

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<sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 2018 Edition, No. SSR-6 (Rev. 1)" 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.

**CERTIFICATE USA/0135/S, REVISION 13**

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 February 28, 2031. Previous editions which have not reached their expiration date may continue to be used.

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 January 30, 2026 petition by Schlumberger, Sugar Land, TX, and in consideration of other information on file in this Office.

Certified By:



William Quade  
Acting Associate Administrator for  
Hazardous Materials Safety

February 23, 2026  
(DATE)

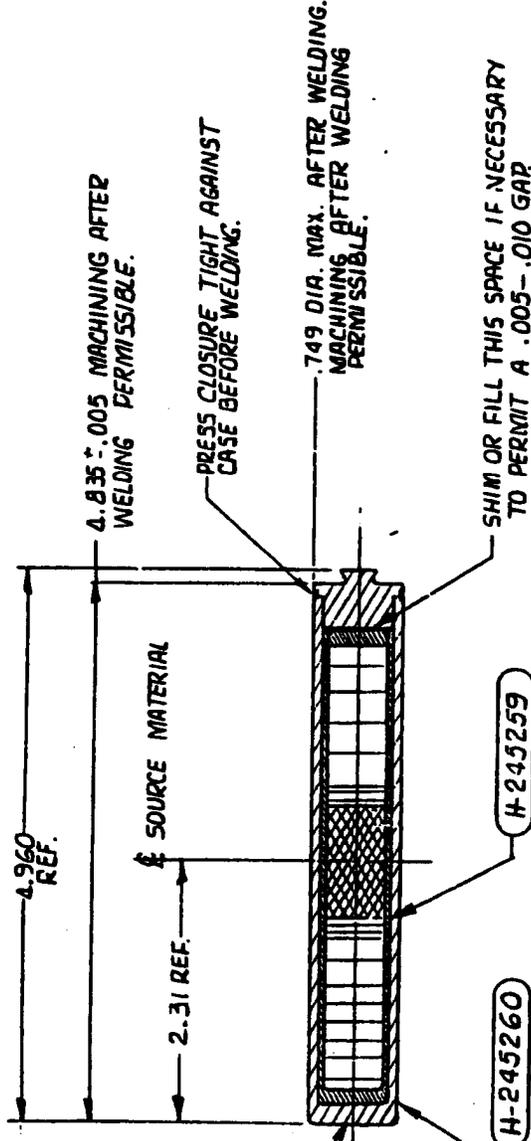
Revision 13 - Issued to endorse to 2018 edition of the IAEA Regulations for the Safe Transport of Radioactive Material, SSR-6 (Rev. 1) and to extend the expiration date.





REVISIONS		
LTR	DESCRIPTION	DATE
A	ECN 52900	9-19-79
B	ECN 53537	1-16-80

- NOTES:
1. SERIAL NUMBER & IDENTIFICATION STAMPING TO BE DONE BY SUPPLIER.  
SERIAL NUMBERING SYSTEM TO BE APPROVED BY SWS.
  2. CONSTRUCTION & INSPECTION PER H-209986.
  3. ENGINEERING APPROVED FABRICATOR: MONSANTO RESEARCH CORP.
  4. SOURCE OUTPUT: 2.4 <sup>2.36</sup> x 10<sup>7</sup> M/SEC  
MAX ACTIVITY: 19.99 CURIE



STAMP IDENTIFYING MARKS ON EACH END.

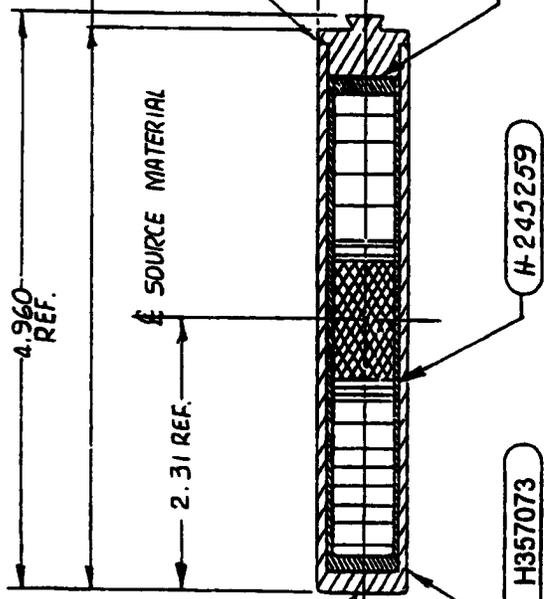
FINISH OR TREATMENT		DET.	QTY.	MATERIAL
PROJECTS	NSR-M			SCHLUMBERGER WELL SERVICES A Division of Schlumberger Technology Corporation HOUSTON, TEXAS
DO NOT COPY, REPLAY, OR USE DRAWING WITHOUT AUTHORIZATION - DO NOT SCALE DRAWING				
UNLESS OTHERWISE SPECIFIED				
DESIGNER	V.H. ADAMS	6-8-76		NEUTRON SOURCE RADIOACTIVE
CHECKER	GORSKY	6-8-76		Am Be SOURCE
APP'G	J.L. &	1/17/78		10 CURIE
ENGR.	GORSKY	6-8-76		H-245258
DATE	1/13/78			SCALE
BY	H.B. Hays			REV
DATE	1/13/78			B
WHERE USED				REV
				1
				1

H-245267

NOTES: 1

SERIAL NUMBER & IDENTIFICATION MARKING TO BE DONE BY SUPPLIER.  
 SERIAL NUMBER TO BE SUPPLIED BY OFFICE OF CORPORATION  
 RADIATION SAFETY OFFICER.

- 2. CONSTRUCTION & INSPECTION PER SH209986.
- 3. SOURCE OUTPUT:  $2.4 \pm 0.36 \times 10^7$  N/SEC  
 MAX ACTIVITY: 19.99 CURIE



4.835 ± .005 MACHINING AFTER WELDING PERMISSIBLE.

PRESS CLOSURE TIGHT AGAINST CASE BEFORE WELDING.

.749 DIA. MAX. AFTER WELDING. MACHINING AFTER WELDING PERMISSIBLE.

SHIM OR FILL THIS SPACE IF NECESSARY TO PERMIT A .005 - .010 GAP

STAMP IDENTIFYING MARKS ON EACH END.

REVISIONS		
LTR	DESCRIPTION	DATE
A	ECN# N18950	2-9-98
		BY JTJM

**ENGINEERING APPROVED**  
**SUPPLIER:**  
 GAMMATRON, INC.  
 5703 ETHERIDGE  
 HOUSTON, TX 77087  
 713-641-3640

H357072

FINISH OR TREATMENT		DET. QTY.	MATERIAL
PROJECTS	NSR-MB		SCHLUMBERGER WELL SERVICES A Division of Schlumberger Technology Corporation HOUSTON, TEXAS
DO NOT COPY, DISPLAY, OR USE DRAWING WITHOUT AUTHORIZATION - DO NOT SCALE DRAWING			
UNLESS OTHERWISE SPECIFIED		DRN. J T MORRISON	2-9-98
TOLERANCES UNLESS OTHERWISE SPECIFIED		DES. J M BATES	2-9-98
SURFACE FINISH		CKD. J M BATES	2-9-98
ASSEMBLY		ENGR. J M BATES	2-9-98
APPROVAL		APP. J M BATES	2-9-98
MATERIAL SPECIFICATION		REL/STDR. J M BATES	2-9-98
MATERIAL MARKING AND SCALE CHECK		SCALE	1/1
FOR WORKSHOP STANDARD APP.		RELEASED	SHT 1 OF 1

H329768  
 WHERE USED

SHEET SIZE 8

102-1001



U.S. Department of  
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**Pipeline and  
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East Building, PHH-23  
1200 New Jersey Ave, SE  
Washington, D.C. 20590

**CERTIFICATE NUMBER:** USA/0135/S-96

**ORIGINAL REGISTRANT(S) :**

Schlumberger  
300 Schlumberger Drive  
MD-225  
Sugar Land, TX, 77478  
USA