

**RADIOACTIVE MATERIAL PERMIT
USAF RADIOISOTOPE COMMITTEE**

Pursuant to the authority stated in AFI 40-201, Managing Radioactive Materials in the USAF, and in reliance on statements made by the applicant, permission is hereby granted to receive, possess, transfer and store radioactive materials listed below, and to use this material for the purpose and at the places listed below. This document is not a valid permit unless it is endorsed by a representative of the USAF Radioisotope Committee.

1. ORGANIZATION 554 RHS/CC 2106 BONNINS BLVD APO AP GU 96543-4114	2. PERMIT NO. GU-00300-00/04AFP	3. AMENDMENT NO. 4(Admin)
	4. EXPIRATION DATE 31-Dec-2012	
	5. DOCKET NO. 030-00300	
6. PERMIT RSO:	7. ALTERNATE PERMIT RSO:	

8. RADIOACTIVE MATERIAL (Element and Mass Numbers)	9. CHEMICAL/PHYSICAL FORM (NSN or Model Number) (* denotes sealed sources)	10. MAXIMUM QUANTITY AUTHORIZED
A. Am-241:Be	* A. SS&DR No. NC-646-D-130-S	A. 6 sources; not to exceed 44 mci each
B. Cesium-137	* B. SS&DR No. NC-646-D-130-S	B. 6 sources; not to exceed 9 mCi each

- 11. AUTHORIZED USE**
A. Troxler Model 3400 series, for **possession and storage** only (moisture, density, etc.).
B. Troxler Model 3400 series, for **possession and storage** only (moisture, density, etc.).

CONDITIONS

12. The authority for this Permit is US Nuclear Regulatory Commission (NRC) Master Material License No. 42-23539-XXAF, issued to the USAF Radioisotope Committee, (RIC) and AFI 40-201, Managing Radioactive Materials in the USAF. The mailing address for the RIC is AFMSA/SG3PB, Attn: Radiation Health 7700 Arlington Boulevard Falls Church, VA 22042.
13. The Permittee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections," Part 20, "Standards for Protection Against Radiation," and Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material," except that all reports required by those parts must be made to the USAF Radioisotope Committee Secretariat (RICS). In addition, the Permittee shall comply with AFI 40-201, all applicable Air Force Regulations, and all instructions and directives of the USAF RIC necessary to insure compliance.
14. The permitted material may be stored at the Permittee's facilities located at bldg "R-1 Conex" of Andersen AB (Northwest Field) and at temporary sites where the Air Force maintains jurisdiction for regulating use of the permitted material subject to any host nation restrictions under Status of Forces Agreements.
15. The permitted material must be stored in a secured area when not under the direct surveillance of an authorized user or Radiation Safety Officer (RSO). When in storage, the Permittee shall use a minimum of two independent physical controls to prevent unauthorized removal of the permitted material IAW Title 10, Code of Federal Regulations, Part 30.34 (i). Note: The lock on the gauge does NOT count as a form of physical control.
16. Any cleaning, maintenance, or repair of portable devices involving removal of the sealed sources from the devices or dismantling of shielding may be performed by manufacturer, or by other persons specifically authorized by the NRC, or an Agreement State to perform such services and approved by the USAF RICS.
17. The Permittee shall conduct a physical inventory every 6 months to account for all sources received and possessed under this Permit. The records of the inventories shall be maintained for 3 years from the date of the inventory for inspection by the NRC, the USAF RICS, or the Medical Directorate of the Air Force Inspection Agency(AFIA) and shall include: a) inventory date, b) model and serial number of device and source, c) radionuclide and activity, d) date activity determined, e) device or source location, and, f) signature of the Permit RSO certifying the accuracy of the inventory.
18. A. Each sealed source containing permitted material shall be tested for leakage at intervals not to exceed 12 months. Prior to receipt of permitted material, the Permittee shall request certification that a satisfactory leak test has been performed within 12 months prior to receipt. The certification may be shipped with the source.

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SUPPLEMENTARY

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030-00300

B. Test samples shall be collected and analyzed by the manufacturer or collected by the Permittee and forwarded to the Radioanalytical Branch of the United States School of Aerospace Medicine (USAFSAM/OEHH), or any individual authorized by USNRC or Agreement State license or USAF or USN permit to evaluate leak tests for others and approved by the RICS.

C. The test shall be capable of detecting the presence of 0.005 microcuries of radioactive material on the test sample. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the NRC, the USAF RICS, or the Medical Directorate of the AFIA.

D. If the test reveals the presence of 0.005 microcuries or more of removable contamination, the source shall be removed from service and decontaminated, repaired, or prepared for disposal by the manufacturer in accordance with NRC regulations and Air Force directives. A report shall be filed with the USAF RICS (AFMSA/SG3PB, Attn: Radiation Health 7700 Arlington Boulevard Falls Church, VA 22042.) within 1 duty day of the date the leak test result is known. The report shall specify the source involved, the test results, and the corrective actions taken.

19. Transfer of permitted material shall only be to a USAF or USN Radioactive Material Permittee or to an NRC or Agreement State Licensee holding a valid authorization to receive the sources. The permitted materials shall be disposed of in accordance with AFI 40-201.
20. The Permittee shall transport permitted material in accordance with 10 CFR 71, "Packaging of Radioactive Material for Transport," 49 CFR 170-189, Transportation, and DOD directive 4500.9 and subject to any host nation restrictions under the Status of Forces Agreements.
21. Except as specifically provided otherwise by this Permit, the possession and use of radioactive material described in Item 8 of the Permit shall be in accordance with statements, representation, and procedures contained in:

DOCUMENT REFERENCE

554 RHS/CC (Application w/ Atch)

AFMSA/SG3PB (Memo w/ Atch)

554 RHS/CC (Memo w/ Atch)

AFMSA/SG3PB (Memo w/ Atch)

AFMSA/SG3PB (Memo w/ Atch)

SUBJECT

Application for Material Permit

Administrative Amendment

Amendment, Change RSO and ARSO

Administrative Amendment

Administrative Amendment

DATE

17-Jul-2007

16-Oct-2008

11-Nov-2009

21-Dec-2010

21-Feb-2013

Date: 20 Mar 13

FOR THE USAF RADIOISOTOPE COMMITTEE

By:

R K Bhat

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AF Radioisotope Committee Secretariat

AF Medical Support Agency

Office of the Surgeon General