

**19CFR 10.103(a) – American Goods Returned (U.S. Government)**

For goods manufactured in the United States, which are imported in the name of a Government agency or office.

I hereby certify:

1. That the following articles imported by FedEx Express (Name of Carrier) at the port of Guam (Port) on \_\_\_\_\_ (Date) consist of returned products which are the growth, produce, or manufacture of the United States, and have been returned to the United States without having been advanced in value or improved in condition by any process of manufacture or other means, and that no drawback has been or will be claimed on such articles, and that the articles currently belonging to and are for the further use of

36 MDSS/SGSM

(Agency or Office)

Number of Containers: 1

Bill of Lading/Airwaybill Number: 808807757957

General Description of Articles: Chemical/Radiation detection meter

2. That the shipment does not contain military scrap.
3. That the shipment is entitled to entry under subheading 9801.00.10, Harmonized Tariff Schedule of the United States (HTSUS) free of duty.
4. That I am a military installation transportation officer having knowledge of the facts involved in this certificate.

or

I am an officer or official authorized by 36 MDSS/SGSM  
(Agency or Office) (Whichever is applicable) to execute this certificate.

Manuel Becker

(Name)

GS-05 USAF

(Rank and branch of service or Agency or Office)

This certification may be executed by any military installation transportation officer having knowledge of the facts or by any other officer or official specifically designated or authorized to execute such certificates by the importing Government agency or office.

09/03/14

**Excepted Package**  
**IAEA Specific Safety Requirements SSR-6 (2012 Edition)**  
**AIR FORCE RADIOACTIVE RECYCLING AND DISPOSAL OFFICE**  
**SHIPMENT QUALITY ASSURANCE CHECKLIST**

September 2015

Date: \_\_\_\_\_ Shipper: 36 CES/CEF, Unit 14007, Yigo, Guam 96929 Authorization No.: AFS16-075  
 Destination: AFRRAD, 1400 Air Freight Road, WPAFB, OH 45433

Item Description	Radionuclide	Activity Each	Number of Items	Total Activity
APD 2000	Ni-63	3.7E-4 TBq (10 mCi)	1	3.7E-4 TBq (10 mCi)

**Bioenvironmental Engineer Package Survey:**

Instrument Used: Mfgr: \_\_\_\_\_ Model: \_\_\_\_\_ S/N: \_\_\_\_\_ Cal Date: \_\_\_\_\_

Radiation Survey Results: Background: \_\_\_\_\_ mR/hr Package Surface: \_\_\_\_\_ mR/hr

Person Completing Checklist: \_\_\_\_\_ Signature: \_\_\_\_\_

**PACKAGES and PACKAGING (General Requirements (§ 607-622))**

YES NO

- 1. Designed in relation to its mass, volume and shape that it can be easily and safely handled and transported.
- 2. Designed so it can be properly secured in or on the conveyance during transport.
- 3. Design such that any lifting attachments on the package will not fail.
- 4. Packaging is such that the external surfaces are free from protruding features and can be easily decontaminated.
- 5. The outer layer of the package is so designed as to prevent the collection and retention of water.
- 6. Package capable of withstanding the effects encountered in transport.
- 7. Securing devices are designed to prevent them from becoming loose or being released unintentionally.

**CONTENTS LIMITS FOR EXCEPTED PACKAGES**

YES NO

- 1. Is the material enclosed in or included as a component part of an instrument or other manufactured article: INSTRUMENT or ARTICLE (§423).
  - a. Radiation level at 10 cm from external surface of any unpackaged instrument or article is not greater than 0.1 mSv/hr (10 mrem/hr). (§423(a)).
  - b. Each Instrument or Article (*except radioluminescent time-pieces or devices*) bears the marking "Radioactive". (§423(b)).
  - c. Consumer products need not be marked Radioactive, provided internal surface of the package bears the marking "Radioactive" such that is visible on opening the package. (§423(b)(ii))
  - d. Item limit: Permissible Item Activity: \_\_\_\_\_ Actual Maximum Item Activity: \_\_\_\_\_  
 Package limit: Permissible Package Limit: \_\_\_\_\_ Actual Package Activity: \_\_\_\_\_
- 2. If the material is not enclosed or another manufactured article, the following apply: LIMITED QUANTITY (§424).
  - a. The package retains its contents under routine conditions of transport. (§424(a)).
  - b. The internal surface of the package bears the marking "Radioactive" such that is visible on opening the package. (§424(b)).
  - c. Package limit: Permissible Package Limit: \_\_\_\_\_ Actual Package Activity: \_\_\_\_\_

**REQUIREMENTS AND CONTROLS FOR EXCEPTED PACKAGES**

YES NO

- 1. Package Marking (§531-533)
  - a. Each package durably marked on the outside with either the consignor or consignee or both. (§531).
  - b. United Nations Number preceded by the letters "UN". (UN2910 for Limited Quantities; UN2911 for Instruments or Articles). (§532).
  - c. Gross mass exceeding 50 kgm (110 lbs) durably marked on the outside of the package. (§533).
- 2. Other dangerous properties are taken into account. (§507).
- 3. The radiation level at any point on the external surface of the package shall not exceed 5 µSv/hr (0.5 mrem/hr). (§516).
- 4. The non-fixed radioactive contamination on any external surface of the package shall not exceed 4 Bq/cm<sup>2</sup> (10<sup>-4</sup> µCi beta-gamma) and 0.4 Bq/cm<sup>2</sup> (10<sup>-5</sup> µCi/cm<sup>2</sup> alpha) when averaged over any area of 300 cm<sup>2</sup>. (§508).
- 5. The transport document includes: The appropriate United Nations Number. (§546(a)).
- 6. The transport document includes a signed declaration: "It is declared that the packing of the goods into the container/vehicle has been carried out in accordance with the applicable provisions". (§552).

**NOTE: Ensure LRS is aware the package contains radioactive material. Provide LRS a copy of this Checklist.**

**Excepted Package**  
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**QUANTITIES FOR SELECTED RADIONUCLIDES**

(IAEA Safety Standards Series No. TS-R-1, Section IV, Table I)

Radionuclide	A <sub>1</sub> (TBq)	A <sub>2</sub> (TBq)	Exempt Activity Concentration (Bq/gm)	Exempt Activity (Bq)
<sup>241</sup> Am	10	0.001	1	1E4
<sup>14</sup> C	40	3	1E4	1E7
<sup>109</sup> Cd	30	2	1E4	1E6
<sup>57</sup> Co	10	10	100	1E6
<sup>60</sup> Co	0.4	0.4	10	1E5
<sup>137</sup> Cs	2	0.6	10	1E4
<sup>3</sup> H	40	40	1E6	1E9
<sup>125</sup> I	20	3	1000	1E6
<sup>192</sup> Ir	1	0.6	10	1E4
<sup>85</sup> Kr	10	10	1E5	1E4
<sup>63</sup> Ni	40	30	1E5	1E8
<sup>147</sup> Pm	40	2	1E4	1E7
<sup>210</sup> Po	40	0.02	10	1E4
<sup>239</sup> Pu	10	0.001	1	1E4
<sup>226</sup> Ra	0.2	0.003	10	1E4
<sup>187</sup> Re	Unlimited	Unlimited	1E6	1E9
<sup>90</sup> Sr	0.3	0.3	100	1E4
<sup>232</sup> Th	Unlimited	Unlimited	10	1E4
Th (Nat)	Unlimited	Unlimited	1	1000
<sup>238</sup> U	Unlimited	Unlimited	10	1E4
U (depleted)	Unlimited	Unlimited	1	1000
U (Nat)	Unlimited	Unlimited	1	1000

**Activity Limits For EXCEPTED PACKAGES**  
(IAEA Safety Standards Series No. TS-R-1, Section IV, Table III)

PHYSICAL STATE OF CONTENTS	INSTRUMENT & ARTICLES		MATERIALS
	Item Limits*	Package Limits*	Package Limits*
<b>SOLIDS</b>			
Special Form	10 <sup>-2</sup> A <sub>1</sub>	A <sub>1</sub>	10 <sup>-3</sup> A <sub>1</sub>
Other Form	10 <sup>-2</sup> A <sub>2</sub>	A <sub>2</sub>	10 <sup>-3</sup> A <sub>2</sub>
<b>LIQUIDS</b>			
Liquids	10 <sup>-3</sup> A <sub>2</sub>	10 <sup>-1</sup> A <sub>2</sub>	10 <sup>-1</sup> A <sub>2</sub>
<b>GASES</b>			
Tritium	2x10 <sup>-2</sup> A <sub>2</sub>	2x10 <sup>-1</sup> A <sub>2</sub>	2x10 <sup>-2</sup> A <sub>2</sub>
Special Form	10 <sup>-3</sup> A <sub>1</sub>	10 <sup>-2</sup> A <sub>1</sub>	10 <sup>-3</sup> A <sub>1</sub>
Other Form	10 <sup>-3</sup> A <sub>2</sub>	10 <sup>-2</sup> A <sub>2</sub>	10 <sup>-3</sup> A <sub>2</sub>
<b>NOTES:</b>			
* For mixture of Radionuclides, see §404-406			

**PACKAGE RADIATION LEVEL LIMITS**  
(IAEA Safety Standards Series No. TS-R-1)

**LIMITED QUANTITY** = ≤ 0.5 mrem/hr on any surface.  
**INSTRUMENTS & ARTICLES** = ≤ 0.5 mrem/hr on any surface. ≤ 10 mrem/hr at 4 inches from external surface of instrument.)

**OTHER DEFINITIONS**

A<sub>1</sub> shall mean the activity of special form radioactive material and A<sub>2</sub> shall mean the activity of radioactive material other than special form radioactive material.

**COSIGNEE** – shall mean any person, organization or government which receives a consignment.

**CONSIGNMENT** – shall mean any package or packages, or load of radioactive material, presented by a consignor for transport.

**CONSIGNOR** – shall mean any person, organization or government which prepares a consignment for transport, and is named as consignor in the transport documents.

**LOW TOXICITY ALPHA EMITTERS** – natural uranium; depleted uranium; natural thorium; uranium-235 or uranium 238; thorium 232; thorium-228 and thorium –230 when contained in ores or physical and chemical concentrates; or alpha emitters with a half-life of less than 10 days.

**SPECIAL FORM RADIOACTIVE MATERIAL** – means either an indispersible solid radioactive material or a sealed capsule containing radioactive material

**REMOVABLE EXTERNAL PACKAGE  
CONTAMINATION LIMITS**

(averaged over 300 cm<sup>2</sup>)  
(IAEA Safety Standards Series No. TS-R-1, §508)

**External Surfaces**

<u>EXCEPTED PACKAGES</u>	<u>Bq/cm<sup>2</sup></u>	<u>dpm/cm<sup>2</sup></u>
Beta and gamma emitters and low toxicity alpha emitters	4.0	220.0
All other alpha emitting radionuclides	0.4	22.0

**WORKSHEET**

Item Activity \_\_\_\_\_ μCi X 0.037 MBq/μCi = \_\_\_\_\_ MBq

Item Activity \_\_\_\_\_ MBq X 10<sup>-6</sup> TBq/MBq = \_\_\_\_\_ TBq

DEPARTMENT OF HEALTH AND HUMAN SERVICES  
FOOD AND DRUG ADMINISTRATION

**DECLARATION FOR IMPORTED  
ELECTRONIC PRODUCTS SUBJECT TO  
RADIATION CONTROL STANDARDS**

Form Approved OMB No. 0910-0025  
Expiration Date: October 31, 2013

**INSTRUCTIONS**

1. If submitting entries electronically through ACS/ABI, hold FDA-2877 in entry file. Do not submit to FDA unless requested.
2. If submitting paper entry documents, submit the following to FDA:
  - a. 2 copies of Customs Entry Form (e.g. CF 3461, CF 3461 Alt, CF 7501, etc.)
  - b. 1 copy of FDA 2877
  - c. Commercial invoice(s) in English.

U.S. CUSTOMS PORT OF ENTRY

ENTRY NUMBER

DATE OF ENTRY

NAME & ADDRESS OF MANUFACTURING SITE; COUNTRY OF ORIGIN

Smiths Detection  
2202 Lakeside Blvd  
Edgewood, MD 21040

NAME & ADDRESS OF IMPORTER & ULTIMATE CONSIGNEE (if not importer)

30 MDSS Unit 14010  
Bldg 2600 Carolines Ave  
Andersen AFB, 96929

AFJ Radioactive  
Recycle + Disposal  
1400 Air Freight Rd Bldg 14  
Wright Patterson AFB, OH  
45433

PRODUCT DESCRIPTION

Chemical / Radiation  
Detector

QUANTITY (Items/Containers)

1

MODEL NUMBER(S) & BRAND NAME(S)

Smiths Detection  
APD 2000

DECLARATION: I / WE DECLARE THAT THE PRODUCTS IDENTIFIED ABOVE: (Mark X applicable statements, fill in blanks, & sign)

**A. ARE NOT SUBJECT TO RADIATION PERFORMANCE STANDARDS BECAUSE THEY:**

- 1. Were manufactured prior to the effective date of any applicable standard; Date of Manufacture \_\_\_\_\_
- 2. Are excluded by the applicability clause or definition in the standard or by FDA written guidance.  
Specify reason for exclusion \_\_\_\_\_
- 3. Are personal household goods of an individual entering the U.S. or being returned to a U.S. resident. (Limit: 3 of each product type).
- 4. Are property of a party residing outside the U.S. and will be returned to the owner after repair or servicing.
- 5. Are components or subassemblies to be used in manufacturing or as replacement parts (NOT APPLICABLE to diagnostic x-ray parts).
- 6. Are prototypes intended for on going product development by the importing firm, are labeled "FOR TEST/EVALUATION ONLY," and will be exported, destroyed, or held for future testing (i.e., not distributed). (Quantities Limited - see reverse.)
- 7. Are being reprocessed in accordance with P.L. 104-134 or other FDA guidance, are labeled "FOR EXPORT ONLY" and will not be sold, distributed, or transferred without FDA approval.

**B. COMPLY WITH THE PERFORMANCE STANDARDS WHICH ARE APPLICABLE AT DATE OF MANUFACTURE AND THAT A CERTIFICATION LABEL OR TAG TO THIS EFFECT IS AFFIXED TO EACH PRODUCT. COMPLIANCE DOCUMENTED IN:**

- 1. Last annual report or product/initial report

ACCESSION NUMBER of Report

Name of MANUFACTURER OF RECORD (Filed report with FDA)

- 2. Unknown manufacturer or report number; State reason: Smiths Detection / Accession # not available

**C. DO NOT COMPLY WITH PERFORMANCE STANDARDS; ARE BEING HELD UNDER A TEMPORARY IMPORT BOND; WILL NOT BE INTRODUCED INTO COMMERCE; WILL BE USED UNDER A RADIATION PROTECTION PLAN; AND WILL BE DESTROYED OR EXPORTED UNDER U.S. CUSTOMS SUPERVISION WHEN THE FOLLOWING MISSION IS COMPLETE:**

- 1. Research, Investigations/Studies, or Training (attach Form FDA 766)
- 2. Trade Show/Demonstration; List dates & use restrictions \_\_\_\_\_

**D. DO NOT COMPLY WITH PERFORMANCE STANDARDS; ARE HELD AND WILL REMAIN UNDER BOND; AND WILL NOT BE INTRODUCED INTO COMMERCE UNTIL NOTIFICATION IS RECEIVED FROM FDA THAT PRODUCTS HAVE BEEN BROUGHT INTO COMPLIANCE IN ACCORDANCE WITH AN FDA APPROVED PETITION. (See Form FDA 766.)**

- 1. Approval Petition is attached.
- 2. Petition Request is attached.
- 3. Request will be submitted within 60 days.

**WARNING:** Any person who knowingly makes a false declaration may be fined not more than \$10,000 or imprisoned not more than 5 years or both, pursuant to Title 18 U.S.C. 1001. Any person importing a non-compliant electronic product may also be subject to civil penalties of \$1000 per violation, up to a maximum \$300,000 for related violations pursuant to Title 21 U.S.C. 360pp.

SIGNATURE OF IMPORTER OF RECORD

NAME AND TITLE OF RESPONSIBLE PERSON

**Manuel Becker**

GS-05, USAF  
Medical Supply Tech

Public reporting burden for this collection of information is estimated to average 0.2 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to:

Department of Health and Human Services  
Food and Drug Administration  
Office of Chief Information Officer  
1350 Piccard Drive, Room 400  
Rockville, MD 20850

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

AWB REF #: 8088607757957 RETURN TO: .

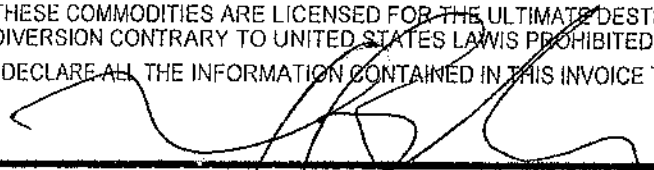
COMMERCIAL INVOICE

DATE OF EXPORTATION		EXPORT REFERENCES (IE, ORDER NO, INVOICE NO ETC)	
SHIPPER EXPORTER (complete name and address) 36 MDG/565L Unit 14010 Bldg 26001 Carolines Ave AAFB Yigo, GU 96929		CONSIGNEE (complete name and address) AF Radioactive Recycle + Disposal 1400 Air Freight Rd. Bldg 143 Wright Patterson AFB, OH 45433	
COUNTRY OF EXPORT US		IMPORTER - IF OTHER THAN CONSIGNEE (complete name and address)	
COUNTRY OF ORIGIN OF GOODS US			
COUNTRY OF ULTIMATE DESTINATION US			

INTERNATIONAL AIR WAYBILL NO. 80886 0775 7957 (NOTE: All shipments must be accompanied by a Federal Express international Air Waybill)

MARKSINOS.	NO. OF PKGS.	TYPE OF PACKAGING	FULL DESCRIPTION OF GOODS	CITY.	UNIT OF MEASURE	WEIGHT	UNIT VALUE	TOTAL VALUE
	1	BX	APD 2000 Chem/Rad Detector				8,334	8,334
						TOTAL WEIGHT	TOTAL INVOICE VALUE	
						X:	X: \$8334	

THESE COMMODITIES ARE LICENSED FOR THE ULTIMATE DESTINATION SHOWN. DIVERSION CONTRARY TO UNITED STATES LAWS IS PROHIBITED  
I DECLARE ALL THE INFORMATION CONTAINED IN THIS INVOICE TO BE TRUE AND CORRECT

  
SIGNATURE OF SHIPPER/EXPORTER (Type name and title and sign)

3/31/16  
DATE

Check one  
 F.O.B.  
 C & F  
 C.I.F.

RETURN TO :

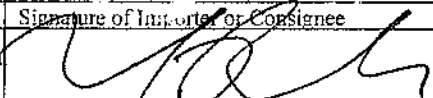
AWB REF #: 808807757957

STATEMENT REGARDING THE IMPORTATION OF RADIO FREQUENCY DEVICES  
CAPABLE OF CAUSING HARMFUL INTERFERENCE

Part I Blocks MUST Be Completed				
Date of Entry	Entry Number	Port of Entry	Harmonized Tariff Number	Quantity of Item (not number of containers)
				1

Device Model/Type Name or #	Trade Name	FCC ID	Description of Equipment
APD 2000			Chemical/Radiation Detector

Manufacturer's Name and Address	Consignee's Name and Address	Importer's Name and Address
Smiths Detection 2202 Lakeside Blvd Edge wood, MD 21040	AF Radioactive Recycle + Disposal 1400 Air Freight Rd. Bld 143 Wright Patterson AFB, OH 45483	36 MDSS Unit 14010 Bldg 26001 Caroline Ave Anderson AFB 96929

Printed or Typed Name of Importer or Consignee	Signature of Importer or Consignee	Date (Month/Day/Year)
<b>Manuel Becker</b>		MAR 31 2016

Warning: Any person who knowingly makes a false declaration may be fined not more than \$250,000 or imprisoned not more than 5 years, or both, pursuant to 18 U.S.C. S 1001.

Part II With Regard to the Importation of the Described radio Frequency Device(s), I DECLARE THAT-	
(Place X only one box)	
<input type="checkbox"/>	1. The FCC has issued a grant of equipment authorization for the FCC ID listed above.
<input type="checkbox"/>	2. An FCC grant of equipment authorization and an FCC ID are not required for this equipment; it complies with FCC technical requirements.
<input type="checkbox"/>	3. The described equipment is being imported in limited quantities for testing and evaluation for compliance with technical requirements or marketing suitability. The equipment will not be offered for sale or otherwise marketed. (See Instructions)
<input type="checkbox"/>	4. The described equipment is being imported in limited quantities for demonstration at industry trade shows and will not be offered for sale or otherwise marketed. (See Instructions)
<input type="checkbox"/>	5. The described equipment is being imported solely for export. It will not be offered for sale or otherwise marketed in the U.S.
<input type="checkbox"/>	5(a). The described equipment is a non-U.S. standard cellular phone that can only function outside of the U.S. (See Instructions)
<input checked="" type="checkbox"/>	6. The described equipment is being imported for use exclusively by the U.S. Government.
<input type="checkbox"/>	7. Three or fewer radio receivers, computers, or other unintentional radiators as defined in Part 15 of the FCC Rules, are being imported for an individual's personal use and are not intended for sale.
<input type="checkbox"/>	8. The described equipment is being imported for repair and will not be offered for sale or otherwise marketed.

1. Port of Entry Use Schedule D - Classification of U.S. Customs Districts and Ports for U.S. Foreign Trade Statistics - a four digit code i.e., New York City, NY 1001.
2. Harmonized Tariff Number - Harmonized Tariff Schedule of the United States.
3. This quantity must be total number of items, not number of containers.

**Excepted Package**  
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September 2015

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 Destination: AFRRAD, 1400 Air Freight Road, WPAFB, OH 45433

Item Description	Radionuclide	Activity Each	Number of Items	Total Activity
APD 2000	Ni-63	3.7E-4 TBq (10 mCi)	1	3.7E-4 TBq (10 mCi)

**Bioenvironmental Engineer Package Survey:**

Instrument Used: Mfr: FLUKE Model: 451P S/N: 1862 Cal Date: 20150806

Radiation Survey Results: Background: 11 µR/hr mR/hr Package Surface: 14 µR/hr mR/hr

Person Completing Checklist: SSgt KHAN, BANGATH BRENDA Signature: [Signature]

**PACKAGES and PACKAGING (General Requirements (§ 607-622))**

- YES NO
- 1. Designed in relation to its mass, volume and shape that it can be easily and safely handled and transported.
  - 2. Designed so it can be properly secured in or on the conveyance during transport.
  - 3. Design such that any lifting attachments on the package will not fail.
  - 4. Packaging is such that the external surfaces are free from protruding features and can be easily decontaminated.
  - 5. The outer layer of the package is so designed as to prevent the collection and retention of water.
  - 6. Package capable of withstanding the effects encountered in transport.
  - 7. Securing devices are designed to prevent them from becoming loose or being released unintentionally.

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    - c. Consumer products need not be marked Radioactive, provided internal surface of the package bears the marking "Radioactive" such that is visible on opening the package. (§423(b)(ii))
    - d. Item limit: Permissible Item Activity: \_\_\_\_\_ Actual Maximum Item Activity: \_\_\_\_\_  
 Package limit: Permissible Package Limit: 1.5 Bq/cm Actual Package Activity: 3.7E-4 TBq
  - 2. If the material is not enclosed or another manufactured article, the following apply: LIMITED QUANTITY (§424).
    - a. The package retains its contents under routine conditions of transport. (§424(a)).
    - b. The internal surface of the package bears the marking "Radioactive" such that is visible on opening the package. (§424(b)).
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**REQUIREMENTS AND CONTROLS FOR EXCEPTED PACKAGES**

- YES NO
- 1. Package Marking (§531-533)
    - a. Each package durably marked on the outside with either the consignor or consignee or both. (§531).
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