

NRC FORM 7  
(02-2016)  
10 CFR 110



U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 11/30/2018

**APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S)**  
(See Instructions on Pages 4 and 5)

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollections.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED <b>APR 07 2017</b> SZE
LICENSE NUMBER <b>XB1335</b>	DOCKET NUMBER <b>11006260</b>	ADAMS ACCESSION NUMBER	

**PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

1. NAME AND ADDRESS OF APPLICANT/LICENSEE  Philips Exports North America <del>xxxxxx</del> LLC 3000 Minuteman Rd. M/S 109-Exports (Tax) Andover, MA 01810 U.S.A.	1a. NAME OF APPLICANT'S CONTACT Rita Mihalek	1b. APPLICANT'S REFERENCE NUMBER NRC1075 CU
	1c. PHONE NUMBER (917) 573-4252	1d. FAX NUMBER
	1e. E-MAIL ADDRESS rita.mihalek@philips.com	

2. TYPE OF ACTION REQUESTED (Check One)

EXPORT (Parts B, C, E)       IMPORT (Parts B, D, E)       AMENDMENT/RENEWAL Current License Number:       CONSENT REQUEST (Parts B, C) Current License Number:

3. CONTRACT NUMBER(S) 12CATE2054291ME	4. FIRST SHIPMENT DATE Feb 1, 2017	5. LAST SHIPMENT DATE Dec. 31, 2027	6. PROPOSED EXPIRATION DATE Dec 31, 2017 <i>2027</i>
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**PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT  Eckert & Ziegler Isotope Products 24937 Avenue Tibbitts Valencia, CA 91355 USA  See page 3	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)  Philips Medical Systems Nederland BV Veenpluis 4-6 5684 PC Best Netherlands  See page 4	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)  MediCuba S.A. Calle 2, No. 352, e/ 15 y 17, Vedado Habana Cuba  See page 4
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7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Manufacturer/Supplier	8a. INTERMEDIATE USE(S) Purchase, Sale and Export	9a. ULTIMATE END USE(S) Medical device calibration and reference
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10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT  One (1) Set for Calibration Consists of the following: -MMS05-022-10U : 6 x Sodium-22 (Na-22) sealed source marker for calibration and reference. See page 3 -HEGL-0136 : 1 x Sodium-22 (Na-22) line sealed source for calibration and reference. See page 3 Desired: 36 sets total	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  6 x 370kBq = 2220kBq per 1 set / Total for 36 sets = Total 7.99E-5TBq  1 x 3.7TBq @ set (36 x 3.7E-6TBq = Total 1.33E-4TBq)	10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG) N/A
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11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)  
N/A

*Per the call w/ applicant*

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**PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)
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12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)

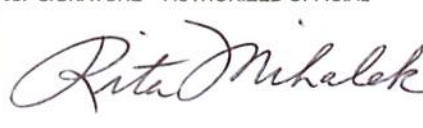
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)
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16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S)**

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input type="checkbox"/> NO
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**18. CERTIFICATION:** I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Rita Mihalek Senior Customs Analyst	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 3/27/2017
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XB 1335	110062100				

ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Page 1, Block 1: Philips ~~XXXXXXXX~~ North America ~~XXXXXXXX~~ ("PNA") LLC (~~XXXXXXXX~~ "PNA") located in Andover, Massachusetts, is the U.S. arm of Royal Philips, headquartered in Amsterdam, Netherlands, and represents all Philips affiliates in matters of U.S. export licensing. PNA is the applicant, but Philips Medical Systems Nederland BV is the purchaser, reseller and exporter of the sources in Block 10 and Block 10a to their preferred distributor in Cuba in Block 9, who will distribute to hospital end-users listed on page 4 under page 1 block 9.

Page 1, Block 10: -MMS05-022-10U/989605600151 Na-22: per source:  $1 \times 10\text{uCi}$  ( $370\text{kBq} = 3.7\text{E-}7\text{TBq}$ ) / 6 in one set =  $6 \times 370\text{kBq} = 2220\text{kBq}$  / for total 36 sets =  $216 \times 370\text{kBq} = 79920\text{kBq} = 0.00007992\text{TBq} = 7.99\text{E-}5\text{TBq}$

-HEGL-0136/989605600211 Na-22: per source:  $1 \times 100\text{uCi}$  ( $3.7\text{MBq} = 3.7\text{E-}6\text{TBq}$ ) / 1 in one set / for total 36 sets =  $36 \times 3.7\text{MBq} = 0.0001332\text{TBq} = 1.33\text{E-}4\text{TBq}$

Page 1, Block 7: Additional Eckert & Ziegler entities, including IDB Holland, who may be selling to Philips Medical Systems Nederland BV:

Eckert & Ziegler is Philips preferred supplier of calibration sources for their PET CT imaging systems. IDB Holland BV is a major E&Z distributor in the Netherlands that Philips may also purchase from.

Eckert & Ziegler Nuclitec GmbH  
Gieselweg 1  
38110 Braunschweig, Federal Republic of Germany

Eckert & Ziegler Medizintechnik AG  
Robert-Roessle-Str. 10  
13125 Berlin, Federal Republic of Germany

Eckert & Ziegler CESIO  
Radiova 1  
1020227 Prague 10, Czech Republic

Eckert & Ziegler Isotope Products SARL  
12 Avenue des Tropiques  
Hightec Sud - Batiment B  
91955 Courtaboeuf Cedex, France

Eckert & Ziegler Analytics  
1380 Seaboard Boulevard  
Atlanta, GA 30318 USA

Eckert & Ziegler's Distributor/Supplier in the Netherlands (also a manufacturer):

IDB Holland BV  
Weverstraat 17  
5111 PV  
Baarle-Nassau, Netherlands

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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Page 1, Block 8: Additional Intermediate Foreign Consignees:

Philips Medical Systems Nederland BV  
Boschdijk 525  
5621 JG Eindhoven, Netherlands

Page 1, Block 9: Additional Ultimate Consignees and End-Users:

- 1) Hospital C.Q. Hermanos Almeijeiras  
San Lazaro 701, Centro Habana,  
Ciudad de la Habana, Cuba
- 2) Hospital CIMEQ  
Calle 216 esquina a 13 Reparto Siboney,  
Ciudad de la Habana, Cuba
- 3) Instituto Nacional de Oncologia (INOR)  
Calle 29 esquina a F. La Habana,  
Ciudad de la Habana, Cuba
- 4) Hospital Oncologico Conrado Benitez Garcia  
Avenida Libertadores y P. Marti  
Santiago de Cuba, Cuba
- 5) Hospital General Docente Vladimir Ilich Lenin  
Avenida Lenin No 4  
Holguin, CP 50100, Cuba
- 6) Hospital Docente Asistencial Celestino Hernandez Robau  
Cuba No. 564 entre Barcelona y Hospital  
Villa Clara - Santa Clara, Cuba