

July 2, 2013

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U.S. Nuclear Regulatory Commission
Region 1
2100 Renaissance Blvd., Suite 100
King of Prussia, PA. 19406-2713

Ref.: Docket 030-38417, License # 06-24000-01E
Mail Control No. 580556.
Subject Amendment to Exempt Distribution License 06-240000-01E

To whom it may concern,

Smiths Detection Inc., with offices at 21 Commerce Drive, Danbury, Connecticut 06810, respectfully requests a license amendment for License No. 06-24000-01 E, to remove (Na-22) Sodium 22 Sealed Sources (Eckhart & Ziegler Isotopes Model HEG-XXX series) which will be replaced by the following Eckhart & Ziegler Sodium 22 sources (drawings are enclosed).

During an investigation conducted for the purpose of adding the (Na-22) Sodium 22 sources to Smiths Detection State of Maryland License, we discovered that the Model HEG-XXX was the wrong Model Number Sodium 22 Sealed source that is listed on our current license.

Source Model SKRB 17540: 200 Bq (0.005 microcuries) per drawing VZ-3549-004, Symetrica part # 410-0011

Source Model SKRB 18147: 600 Bq (0.016 microcuries) per drawing VZ-3549-004, Symetrica part # 410-0011.

RECEIVED
7-9-2013

We also respectfully request a license amendment to expand authorized use of the RadSeeker to training and demonstration at customer's facilities and trade shows.

Consistent with this request, we have attached NRC Form 313.

Thank you.

Very Respectfully,

A handwritten signature in blue ink that reads "Paul Del Visco". The signature is written in a cursive style with a large, stylized 'P' and 'V'.

Paul Del Visco
Director of Operations/Site Manager-Danbury

Enclosure:

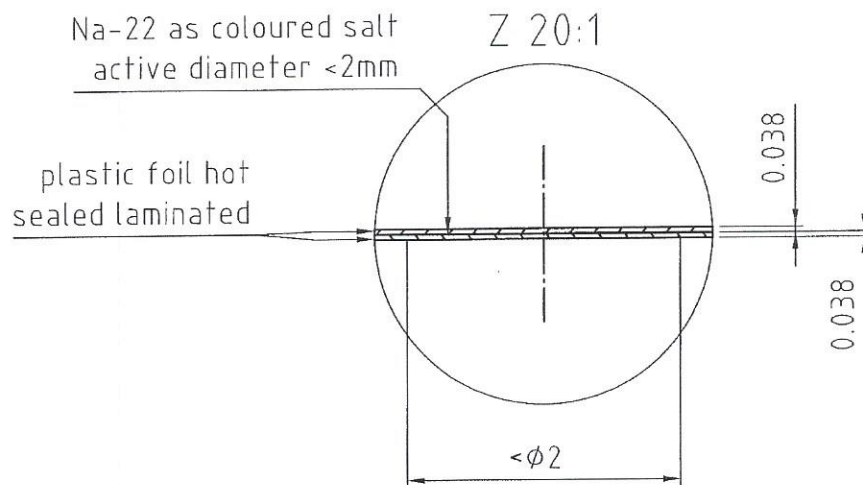
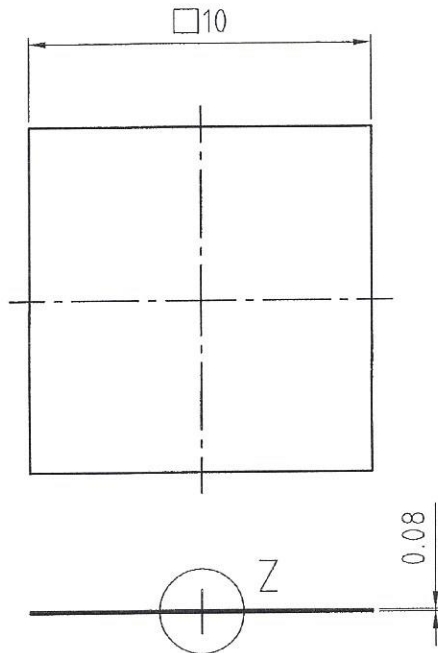
Form 313
Source Model Drawings


030-38417

NRC FORM 313 (03-2013) 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40	U.S. NUCLEAR REGULATORY COMMISSION APPLICATION FOR MATERIALS LICENSE	APPROVED BY OMB: NO. 3150-0120 Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to InfoCollects.Resource@nrc.gov , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.				
EXPIRES: 05/31/2015						
INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW. *AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.						
APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH: OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2100 RENAISSANCE BOULEVARD, SUITE 100 KING OF PRUSSIA, PA 19406-2713		IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 Lisle, IL 60532-4352 ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO: NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511				
PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.						
1. THIS IS AN APPLICATION FOR (Check appropriate item) <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>06-24000-01E</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____		2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) Smiths Detection Inc. 21 Commerce Drive Danbury, CT 06810				
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED Smiths Detection Inc 21 Commerce Drive Danbury, CT 06810 Remove (Na-22) Sealed Source, Model HEG-XXX Replace with SKRB18147, SKRB17540, VZ 3549-004 Temporary Job sites under NRC jurisdiction and Trade Shows		4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Gary Shelton <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">BUSINESS TELEPHONE NUMBER (865) 738-1017</td> <td style="width: 50%;">BUSINESS CELLULAR TELEPHONE NUMBER (865) 230-5574</td> </tr> <tr> <td colspan="2">BUSINESS EMAIL ADDRESS gary.shelton@smithsdetection.com</td> </tr> </table>	BUSINESS TELEPHONE NUMBER (865) 738-1017	BUSINESS CELLULAR TELEPHONE NUMBER (865) 230-5574	BUSINESS EMAIL ADDRESS gary.shelton@smithsdetection.com	
BUSINESS TELEPHONE NUMBER (865) 738-1017	BUSINESS CELLULAR TELEPHONE NUMBER (865) 230-5574					
BUSINESS EMAIL ADDRESS gary.shelton@smithsdetection.com						
SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.						
5. RADIOACTIVE MATERIAL a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.		6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.				
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.		7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.				
10. RADIATION SAFETY PROGRAM.		9. FACILITIES AND EQUIPMENT.				
12. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31)		11. WASTE MANAGEMENT.				
FEE CATEGORY 		AMOUNT ENCLOSED \$ 				
13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.						
CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE Gary Shelton - RSO		SIGNATURE Gary Shelton DATE 7/2/2013				
FOR NRC USE ONLY						
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS	
			\$			
APPROVED BY				DATE		

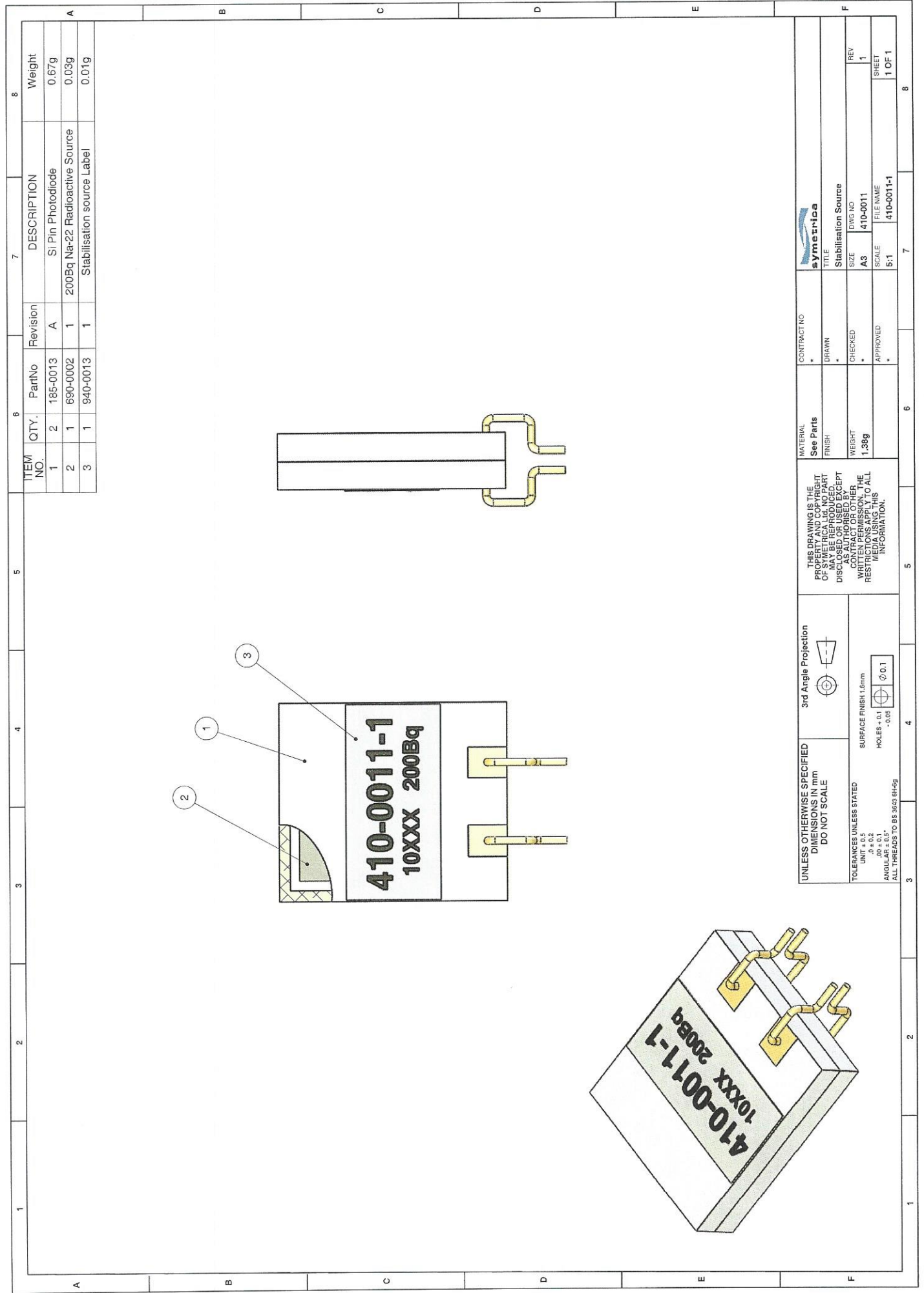
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




Na-22				DIN ISO 2768 f m c		Surface	Scale 5:1	plastic	
				Date	Name	Na-22 CHECK SOURCE			
				Drawn 25.06.2010	DStapper				
				Appr.	<i>Dt</i>				
				 Eckert & Ziegler		VZ-3549-004			Page 1
				Nuclitec					1 pag.
Issue	Change	Date	Name	EDV No. exchange\Zeichnungen\3501-3750\Verkaufszeichnung\VZ3549C.dwg					

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ITEM NO.	QTY.	PartNo	Revision	DESCRIPTION	Weight
1	2	185-0013	A	Si Pin Photodiode	0.67g
2	1	690-0002	1	200Bq Na-22 Radioactive Source	0.03g
3	1	940-0013	1	Stabilisation source Label	0.01g

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN mm DO NOT SCALE		3rd Angle Projection		THIS DRAWING IS THE PROPERTY AND COPYRIGHT OF SYMETHIO. IT IS NOT TO BE REPRODUCED, DISCLOSED OR USED EXCEPT AS SPECIFIED IN THE CONTRACT OR OTHER WRITTEN PERMISSION. THE RESTRICTIONS APPLY TO ALL MEDIA USING THIS INFORMATION.	MATERIAL	CONTRACT NO.	symethio		
					FINISH	DRAWN	TITLE		
					WEIGHT	CHECKED	SIZE	DWG NO	REV
					1.38g		A3	410-0011	1
TOLERANCES UNLESS STATED UNIT ± 0.5 HOLES ± 0.1 ANGLES ± 0.1° ALL THREADS TO BS 3643 6H-6g		SURFACE FINISH 1.6mm  HOLES ± 0.1  -0.05		APPROVED	SCALE	FILE NAME	SHEET		
						5:1	410-0011-1	1 OF 1	

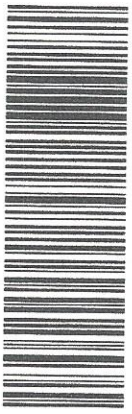
FedEx

Express

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FedEx carbon-neutral
envelope shipping

Part # 156148-434 REV 05/13



TK# 5549 4346 5293
WED - 03 JUL 10:30A
PRIORITY OVERNIGHT
EE KPDA
19406
PA-US PHL



U.S. NUCLEAR REGULATORY COMMISSION
2100 RENAISSANCE BLVD., SUITE 100
REGION 1
KING OF PRUSSIA, PA 194062713
REF: PAUL DEL VISO
DEPT: PAUL DEL VISO

Align bottom of head and stick affixed or punch here