



UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 14, 2018

WORTHEN COATED FABRICS GL-727468-23 ATTN: JACK HOFFMAN PLANT MANAGER 1125 41ST STREET S.E. GRAND RAPIDS, MI 49508

SUBJECT: PAST DUE GENERAL LICENSE DEVICE ANNUAL REGISTRATION

Dear JACK

This letter refers to the general license device annual registration packet sent to the above address on April 20, 2018 (copy enclosed). The U.S. Nuclear Regulatory Commission (NRC) requires annual registration of certain devices that are possessed under the general license issued in Section 31.5 of Title 10 U.S. Code of Federal Regulations [10 CFR 31.5(c)(13)(1)]. NRC's general license database indicates that you are in possession of a general license for a device requiring annual registration. Please complete and return the registration packet within 15 calendar days from the date of this letter. If you do not respond, NRC may take additional action which may include inspection of your facility and possible enforcement action.

Information about the general license registration program is available on the internet at http://www.nrc.gov/materials/miau/miau-reg-initiatives/gen-license.html.

Questions regarding your submittal or your responsibilities as a general licensee can be answered by contacting Donald Lowman at (301) 415-5452 or email at Donald Lowman@nrc.gov.

Sincerely,

Donald Lowman

Office of Nuclear Material Safety

and Safeguards

Division of Material Safety, State, Tribal

and Rulemaking Programs

Material Safety Licensing Branch

INSTRUCTIONS FOR COMPLETING NRC FORM 664 "GENERAL LICENSEE REGISTRATION"

Review all six sections of this registration form. If any information is incorrect or missing, make corrections in the applicable boxes. If you have more devices than space provided in the form, copy the form before starting, as needed. Use black ink and print in CAPITAL LETTERS. Start information in the first box provided. If the information contains a number with a dash (-) or a decimal point (.), include the dash or decimal point as an individual character. Use the "ø" character to represent the number 0 (zero).

Verify information about the devices by reviewing the label on the <u>outside</u> of the device. For safety reasons, DO NOT TRY TO TAKE APART any device to verify this information. If you are uncertain how to identify the device's label, contact the device's manufacturer or an authorized service agent for this information. Also, contact the manufacturer for any additional information about NRC requirements. You may also review 10 CFR 31.5 and other applicable regulations on the NRC web site at http://www.nrc.gov/reading-rm/doc-collections/cfr/, or review specific information about the general licensee project at http://www.nrc.gov/materials/miau/miau-reg-initiatives/gen-license.html

Note to specific licensees: If you believe the device(s) listed on the registration form are possessed under your specific license, then verify the device label does not state the device is subject to a general license. If the labels indicate the device is subject to a general license, then complete the registration form as instructed below. If not, complete the registration as instructed below, however, in Section 2, follow the instructions for "not in possession of device" and complete one Section 4 page per device transferred to your specific license.

Section 1 - General Licensee Information. Provide the requested information about you, the general licensee.

On Page 1, provide the street address/location where your device(s) are used. For portable devices, provide the storage location. P.O. Box addresses are not allowed.

Do not write in the box marked For NRC Use Only.

On Page 2, provide the name, telephone number, and title of the individual responsible for your device(s), and a mailing address where correspondence about your device(s) can be sent. The mailing address should be specific to the physical location where the devices are used and/or stored (P.O. boxes may be used if this is the only available mailing address). The individual indicated in this section as responsible for your device(s) must also verify and sign the form in Section 5.

Section 2 - Devices Subject to Registration. This section lists each device subject to registration and in your possession, according to NRC records. Devices subject to registration include those containing at least one of the radionuclides listed in Table 1, with the activity indicated, at the time of manufacture.

Table 1. Criteria for Registration

Table 1. Criteria for Registration												
Radionuclide	Activity greater than or equal to:											
Strontium-90, Radium-226	3.7 megabecquerel (0.1 millicurie)											
Cobalt-60, Curium-244, Americium-241, and Californium-252	37 megabecquerel (1 millicurie)											
Cesium-137	370 megabecquerel (10 millicurie)											

ીતેના પાસ્તુકાલુક

Use the codes from Table 2 when correcting isotope information for devices in this section. If you do not possess a device on this list, blacken the "not in possession of device" circle, and provide the relevant information in Section 4. Note that each device is assigned a unique six-digit number called the NRC Device Key.

Table 2. Isotope Codes for Sections 2 and 3

Radionuclide	Code for form	Radionuclide	Code for form
Americium-241	AM241	Curium-244	CM244
Californium-252	CF252	Strontium-90	SR90
Cesium-137	CS137	Radium-226	RA226
Cobalt-60	CO60		

Section 3 - Additional Devices. If you have other generally licensed devices (not listed in Section 2) that meet the conditions for registration listed in Table 1, provide information about each additional device. Before starting, copy this section as needed for your additional devices. Also indicate how you acquired each device by blackening the proper circle.

When entering isotope and unit information for your device(s), use the codes listed in Table 2 of Section 2 for isotope information, and use the codes from Table 3 for unit information:

Table 3. Unit Codes for Section 3

Unit	Code for form	Unit	Code for form					
picocurie	PCI	becquerel	BQ					
nanocurie	NCI	kilobecquerel	KBQ					
microcurie	UCI	megabecquerel	MBQ					
millicurie	MCI	gigabecquerel	GBQ					
curie	CI	terabecquerel	TBQ					
-								
pound	LB	microgram	UG					
		milligram	MG					
kilogram	KG	gram	G					

Section 4 - Not in Possession of Device. Use this section to report any devices that are listed in Sections 2 or 6, but that you no longer possess. **Before starting, copy this section as needed for additional devices that are not in your possession.** Enter the NRC Device Key, as listed in Section 2 or 6. Blacken the circle (choose only one) that best describes the disposition of the device and complete the rest of the section as appropriate.

Section 5 - Certification and Signature. The responsible individual must certify, sign, and date Section 5.

Section 6 - Devices Not Subject to Registration. This list contains information about devices that NRC records indicate are in your possession, but **are not subject to registration**. If you no longer have one or more of the listed devices, you are required to make a transfer report to NRC in accordance with 10 CFR 31.5(c)(8) or (9), as applicable. You may use Section 4 for this purpose. This section does not list any static eliminators containing polonium-210 (Po-210), or luminous exit signs containing tritium (H-3). These devices are not subject to registration, and are not included in this section in an effort to reduce the length of this form.

RETURN THE COMPLETED FORM IN THE ENCLOSED ENVELOPE WITH PROPER POSTAGE.





GL-727468-23 04/11/2018 NRC FORM 664

(01 - 2018) 10 CFR 31.5 SECTION 1
PAGE 1 of 2
U.S. NUCLEAR REGULATORY COMMISSION

GENERAL LICENSEE REGISTRATION

APPROVED BY OMB: NO. 3150-0198

OMB EXPIRATION DATE: 02/28/2019

Estimated burden per response to comply with this mandatory collection request: 20 minutes. NRC will use this information to track general licensees and their devices to ensure a higher level of device accountability. Send comments regarding burden estimate to the Information Services Branch (T-2 F43), U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0198), 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.

Complete all six sections of this registration form. If any of the preprinted information is incorrect, provide the changes in the applicable boxes. USE CAPITAL LETTERS.

General License

SECTION 1 - GENERAL LICENSEE INFORMATION

Registration Number GL-727468-23

Enter the company name and street address for the physical location of use for the device(s). For portable devices, specify the primary storage location. Do not use P. O. Boxes.

Con	npan	y Na	me:	WOI	KIH!	=N C	OAI	FDF	-ABI	RICS												
Dep	artm	ent:															•					•
Add	ress	Line	1;	1128	5 418	ST S	TRE	ETS	.E.	•	•			-			•	•	•	•		•
Add	ress	Line	2:					-	•									•			•	
City	':			GR/	AND	RAP	IDS		•								•			•		•
Stat	e: / \	ΛI]		Zip (Code	: 49	9508	_											
							NRC not			ra)	Category: Packet Receipt Date (MMDDYYYY):											
														sion		iber:						





GL-727468-23 04/11/2018

SECTION 1 PAGE 2 of 2

SECTION 1 - GENERAL LICENSEE INFORMATION (Continued)

Enter the name, telephone number and title of the person who is the responsible individual for the device(s).

Last	Nam	ië:	HOF	FMA	N																		
#	E	N	R	Y],_]
First	Nam	ne:	JAC	K										N	/liddl	e Initi	ial:						
J	E	R	R	Y											<u></u>								
Busi	Business Telephone Number: (616) 325-2202													Е	Exten	sion:							
]														
Title	•		PLA	NT I	MAN	AGE	R																
E	N	V	ı	R	٥	N	M	E	N	T	A	L	-	C	0	0	R	D					
be s		ific 1												ng yo used					ld be	se	n t .	This a	address should
Add	ress	Line	1:	112	L 5 418	ST S	I TRE	ET S	L .E.	<u> </u>		<u> </u>		.].	1		<u> </u>] .
																						T	
Add	ress l	Line	2:																				-
																						1.	
City	:			GR/	AND	RAP	IDS							,									-
]
State	e: N	11			z	ip Co	ode:	495	508 -] - []





GL-727468-23

04/11/2018

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

SECTION 2

Our records indicate that you have these devices. Please update the information as necessary. PAGE 1 of 2 **NRC Device Key** 838264 (Internal Control Number) Distributor/Distributed By: NDC INFRARED ENGINEERING INC Distributor License Number: 1933-19GL Manufacturer Name: NDC INFRARED ENGINEERING INC Device Model (Not Source Model): 103 Device Serial Number: 6883861 Transfer Date: 09/18/2015 Not in possession of device (Also complete Section 4.) YYYY MM DD Isotope (e.g. AM241) Activity (e.g. 100) Unit (e.g. mCi) 1 AM241 150.000000000 mCi 2 3 4 5 6





GL-727468-23

04/11/2018

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

SECTION 2 PAGE 2 of 2

NRC Device Key 838265 (Internal Control Number) Distributor/Distributed By: NDC INFRARED ENGINEERING INC Distributor License Number: 1933-19GL Manufacturer Name: NDC INFRARED ENGINEERING INC Device Model (Not Source Model): 103 Device Serial Number: 6883851 09/18/2015 Transfer Date: Not in possession of device (Also complete Section 4.) DD YYYY MM Isotope (e.g. AM241) Activity (e.g. 100) Unit (e.g. mCi) AM241 150.000000000 mCi 2 3 4 5 6





04/11/2018

SECTION 3

SECTION 3 - ADDITIONAL DEVICES SUBJECT TO REGISTRATION SECTION 3 - ADDITIONAL DEVICES SUBJECT TO REGISTRATION PAGE 1 of 1 Provide information about other devices you have that are subject to registration. Do not report specifically licensed devices.

Mar	ufac	turer	Nan	ne															<u>-</u>	•					
						I	-													,					
Initia	al Tra	ansfe	ror N	lame)			3				•	,						•		•				
Initia	al Tra	ansfe	ror L	icen	se N	umbe	er (if	kno	wn)													•			
																					•		,		
Device Model Number (Not Source Model)																									
Dev	ice S	erial	Nun	nber		1					,			· -			·					-			
																									٠
Ном	/ aca	uired	l and	date	e (e c	1	0	Manı	ıfact	urer/	Initia	al Tra	nsfe	ror li	sted	abov	е				,				
from	ı a di	stribu	utor/r	manı ner so	ufacti	urer,	0	Othe	r Ge	neral	Lice	ense	е	Date Transferred:											
Oure	11100	11300	5, Oti	101 30	Juice	5) !	O Other Source												мм	<u> </u>	DD		 YYYY		
		Isoto	pe (e.g. A	\M24	1 1)				Activ	ity (e	e.g. ′	100)									_	Unit (e.g. mCi)		
1.										·													,		
2.																									
3.]							<u> </u>	! 				<u> </u>			,]	· · ·		
]]					<u> </u>	 	l	 						.]] .			
4.				<u> </u>]					<u> </u>						_]			
5.			_																				ļ		
6.							}		4														14		
7.					_]			
8.					_					-]			
9.							,]							<u> </u>	·	<u> </u>									
10.															!					· ·	44 -				





GL-727468-2 04/11/2018

Title:

SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4
PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession. Part 1 Transfer Date: NRC Device Key: (from Section 2 or 6) MM DD YYYY Location of the Device: O Whereabouts Unknown (complete Part 1 only) O Transferred to another general licensee (complete Parts 2 and 3 O Never Possessed the Device (complete Part 1 only) O Transferred to a Specific Licensee (Not the manufacturer) O Returned to Manufacturer (complete Part 1 only) (complete Part 2) Part 2 License Number of Recipient (if transferred to a specific licensee): Company Name: Department: Address Line 1: Address Line 2: City: State: Zip Code: Part 3 Enter the name of the individual responsible for this device: Last Name: First Name: Middle Initial: **Business Telephone** Extension: Number:





GL-727468-23 04/11/2018

SECTION 5 - CERTIFICATION

SECTION 5 PAGE 1 of 1

I hereby certify that:

- A. All information contained in this registration is true and complete to the best of my knowledge and belief.
- B. A physical inventory of the devices subject to registration has been completed, and the device information on this form has been checked against the device labeling.
- I am aware of the requirements of the general license, provided in 10 CFR 31.5.
 (Copies of applicable regulations may be viewed at the NRC website at: http://www.nrc.gov/re/ading-rm/doc-collections/cfr)

SIGNATURE - RESPONSIBLE INDIVIDUAL (Listed in Section 1)

DATE

10/9/2018

WARNING: FALSE STATEMENTS MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL ASPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY WRONG STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER IN ITS JURISDICTION.





GL-727468-23 04/11/2018

SECTION 6 - DEVICES NOT SUBJECT TO REGISTRATION

SECTION 6

PAGE 1 of 1

NRC Device Key:

Manufacturer License No:

Manufacturer Name:

Model Number:

Serial #:

Transfer Date: