

July 2, 2010

U. S. Nuclear Regulatory Commission
 Region III
 Materials Licensing Section
 801 Warrenville Rd.
 Lisle, IL 60532-4351

PH 231.946.5874
 FAX 231.946.3703
 WWW.gourdiefraser.com

RE: License Number 21-16540-01

The licensee contact is Craig Goodrich or Marty Alley at Gourdie-Fraser, Inc. They can be contacted at 231-946-5874.

Attached is a copy of the current calibrations, leak tests and inventories. Gourdie-Fraser, Inc. accepts full responsibility for open inspection and any enforcement actions.

This following documentation is a completion of the application for material license NRC form 313, items 5 thru 11.

Item 5

5A. Cs-137	5A. Sealed source(s) Troxler Electronic Laboratories, Inc. Drawing No. 102112	5A. Fifteen sources not to exceed 10 millicuries each
5B. Am-241:Be	5B. Sealed source(s) Troxler Electronic Laboratories, Inc. Drawing No. 102451	5B. Fifteen sources not to exceed 50 millicuries each
5C. Cesium-137	5E. Sealed sourced (Campbell Pacific Nuclear Model No. CPN-131)	5E. One source not to exceed 10 millicuries
5D. Americium-241	5F. Sealed source (Campbell Pacific Nuclear Model No. CPN-131)	5F. One source not to exceed 50 millicuries

Item 6

A. and B. To be used in Troxler models 3411-B and 3440 series, 4640-series 4545 moisture/density gauges to measure moisture/density of construction materials.

C. and D. To be used in Campbell Pacific Nuclear models B® or MC series moisture/density gauges.

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Item 7

The current Radiation Safety Officer (RSO) is Craig Goodrich who has been the RSO since 1995. Craig completed his formal training, Principals and Proctors program on May 5 and 6, 1975. Marty has worked with Gourdie-Fraser, Inc. for 15 years and has been responsible for training programs for 8 years under Craig Goodrich. Marty Alley has been responsible for quarterly inventories and semi-annual lead tests. Marty has completed a Density Technology program at Ferris State University (Michigan Department of Transportation). His identification number is 10025-0205.

Item 8

Each new technician Gourdie-Fraser, Inc. has had training based on a program put in place 20 years ago. This program allows all of our users to learn the safety and operations of our Troxlers. Each technician has to complete this training by passing an examination which has emphasis on safety and maintenance of the densometers.

Item 9

The nuclear devices are stored in a locked room within our office with the necessary signs illustrating safety. This is the same location utilized for the last 10 years.

Item 10

Our radiation safety program goes hand in hand with training. We also have utilized ICN worldwide dosimetry service to monitor our Troxlers and technicians on a daily basis. Film badges are utilized by each technician at all times when the devices are in use. We receive monthly occupational radiation exposure reports which are posted on one of the same bulletin boards we post NRC Form 3.

Item 11

Gourdie-Fraser, Inc. is looking at properly disposing our CPN moisture/density gauge and plan on purchasing additional Troxler moisture/density gauges in the future.

Sincerely,
Gourdie-Fraser, Inc.



Craig R. Goodrich
Radiation Safety Officer

NRC FORM 313
(3-2009)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

APPLICATION FOR MATERIALS LICENSE

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 Records and FOIA/Privacy 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.

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.

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
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

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
612 E. LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4125

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)

- A. NEW LICENSE
 B. AMENDMENT TO LICENSE NUMBER _____
 C. RENEWAL OF LICENSE NUMBER 21-16540-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Gourdie-Fraser, Inc.
P.O. Box 927
123 West Front Street
Traverse City, MI, 49684

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

123 W. Front Street
Traverse City, MI 49684

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Craig Goodrich

TELEPHONE NUMBER

(231) 946-5874

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.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY	AMOUNT ENCLOSED	\$
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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

Craig R. Goodrich, Safety Officer, Radiation

SIGNATURE

Craig Goodrich

DATE

6-29-10

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

GAUGE OPERATOR AUTHORIZATION

PH 231.946.5874

The following GFA personnel are authorized to use the Troxler 3411-B and 3440 Series and Campbell Pacific Nuclear B, ® and MC Series Moisture/Density Gauges. Use is authorized under and in accordance with the Nuclear Regulatory Commission Radioactive Material License #21-16540-01.

AUTHORIZED OPERATORS:

Craig Goodrich
Marty Alley
Keith Moore
Bernard Jacobson
Blain Scheller
Logan Lockman

Respectfully Submitted,
Gourdie-Fraser, Inc.



Craig R. Goodrich
Radiation Protection Officer 06-24-10

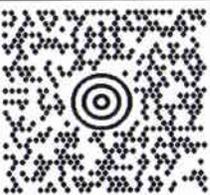
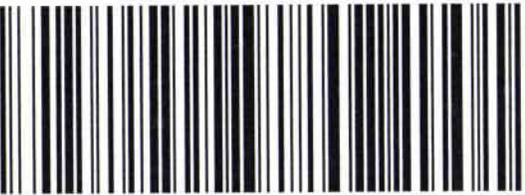
UPS CampussShip: View/Print Label

1. **Print the label(s):** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS Customers without a Daily Pickup**
 - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampussShip packages.
 - Hand the package to any UPS driver in your area.
 - Take your package to any location of The UPS Store[®], UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot[®] or Staples[®]) or Authorized Shipping Outlet near you. Items sent via UPS Return ServicesSM (including via Ground) are also accepted at Drop Boxes.
 - To find the location nearest you, please visit the Resources area of CampussShip and select UPS Locations.

Customers with a Daily Pickup

- Your driver will pickup your shipment(s) as usual.

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GFA VICKY SMITH 231-946-5874 GOURDIE FRASER 123 W. FRONT ST. TRAVERSE CITY MI 49684	1 LBS	1 OF 1
SHIP TO: MATERIALS LICENSING SECTION 630-829-9500 US NUCLEAR REGULATORY COMMISSION 801 WARRENVILLE ROAD LISLE IL 60532-1396		
	IL 603 9-03 	
UPS GROUND TRACKING #: 1Z F4W 404 03 9648 4255		
		
BILLING: P/P		
Reference # 1: Materials Testing License		 TM
<small>CS 12.0.28 WXP1E60 03.0A 04/2010</small>		