

## Stearns, Don

---

**From:** Terrell Temple <tw1@engineeringplus.com>  
**Sent:** Friday, February 07, 2014 1:58 PM  
**To:** Stearns, Don  
**Subject:** FW: Lab Inspection

In response to the inspection, we offer information as follows:

- Chains and locks have been obtained and are in use to provide redundant security for the nuclear gauge during transportation.
- On Wednesday, a locksmith installed a dead bolt lock on the door into the room where gauges are stored. In this manner, we have redundant security while gauges are in storage.
- Christopher Moffett and others produced "nuclear gauge operation recertification" documentation to illustrate compliance with the hazmat certification required for transportation of gauges in accordance with your agency. Enclosed is a copy of topics covered during the refresher course. Topics covered include "operating, emergency, maintenance, and **transportation**" procedures. However, to avoid any questions, we had Bobby, Chris and Charles to retake the haz mat recertification test which specifically references 40 CFR 172 subpart H. They advise the information covered in the refresher course for the hazmat recertification is basically the same as covered under the nuclear gauge operator recertification. However, we now have both.
- With these issues addressed, we have written Ms. Roldán-Otero and she advises she will expedite issuing the amendment to our permit.
- Apparently, Bobby, who has been working with us in the lab over 20 years, never received a certification for nuclear gauge operation. We had been told the hazmat certification he had was acceptable. This morning, he signed up and took the course.

I received a phone call from Brandi with the State Department of Health yesterday. I was out of the office. When I attempted to call her back, she is out but I understand she is to do a follow up inspection here in our office today based upon the message received.

Finally, I wrote this Tuesday and again yesterday but things kept changing. I will check with you next week about trying to get together to finalize everything. Thanks.

PS- I am sending attachments in a separate email.


**Stearns, Don**


---

**From:** Terrell Temple <tw1@engineeringplus.com>  
**Sent:** Friday, February 07, 2014 2:14 PM  
**To:** Stearns, Don  
**Subject:** Engineering Plus info  
**Attachments:** Lab Certification Courses and Certificates.pdf

---

**From:** Beth Nabors  
**Sent:** Friday, February 07, 2014 2:11 PM  
**To:** Terrell Temple  
**Subject:**


ABOUT | PRESS ROOM | EMPLOYMENT



TRAINING

PRODUCTS
SERVICES
TRAINING
SAFETY
DOCUMENTS
CONTACT US

Training Options  
 ▶ Training Overview  
 ▶ Online Training  
 ▶ Classroom Training  
 ▶ Certificate Reprint

## ONLINE TRAINING COURSES

**We offer the following online training courses. Enroll today!**

### Nuclear Gauge Training plus Hazmat — \$129

A quiz will be given with a minimum passing score required for certification.

**Topics covered include:**

- Radiation safety fundamentals and principles
- Regulatory requirements
- Portable gauge theory, design and operation
- Gauge maintenance and troubleshooting
- Operating, emergency, maintenance and transportation procedures
- Leak testing
- Storing, packaging and transporting gauges

**Accepted States:**  
 This course is presently accepted in the following states and US territories:  
 AL, AK, AR, AZ, CA, CO, CT, DE, DC, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, OH, OK, OR, PA, PR, SC, SD, TN, TX, UT\*, VA, VT, VI, WI, WV, WY

*\* With license amendment to allow RSO or other qualified person to conduct practical skills training. Individual states may have additional requirements. [Click for state contact information.](#)*

ENROLL NOW!

or view the [classroom schedule.](#)

---

### Nuclear Gauges Training plus TDG — \$140 (Canada only)

This course teaches Transport Canada and CNSC regulations and is specifically designed for our Canadian customers. This class is only offered in English. Two tests will be given with a minimum passing score required for certification.

**Topics covered include:**

- Radiation safety fundamentals and principles
- Portable gauge theory, design and operation
- Transport of Dangerous Goods (TDG) - storing, packaging, and transporting gauges
- Operating and maintenance procedures
- What to do in case of an emergency, damage, or theft
- Leak testing, recordkeeping, and other regulatory requirements

ENROLL NOW!

(online only)

### Hazmat Re-certification — \$49

Every Troxler gauge safety training class has a portion that satisfies US DOT training requirements of 49 CFR 172, subpart H (Hazmat) for individuals shipping or transporting hazardous materials. Recurrent training is required every 3 years. Simply attend this class to update your Hazmat certification.

[ENROLL NOW!](#)

or view the [classroom schedule](#).

### Refresher Course for Nuclear Gauge Operators — \$49

If you live in a state that requires you to renew your safety training for nuclear gauges, this course fits that requirement. Training must be completed within three months of enrolling.

#### Topics covered include:

- Radiation safety refresher
- New regulatory requirements
- Operating, emergency, maintenance, and transportation procedures

[ENROLL NOW!](#)

*(online only)*

### Compaction & Density Testing — \$29

This course is designed to teach you the basic principles of compaction and density testing methods, with emphasis on nuclear testing methods.

#### Topics covered include:

- Why we compact asphalt, soil, sand, aggregate, etc.
- Factors to consider when compacting
- Terms related to density testing of soil and asphalt
- Overview of the various methods used for measuring compaction
- Theory behind nuclear gauge measurements of moisture and density
- Proper methods of nuclear gauge operation

[ENROLL NOW!](#)

*(online only)*

[Return to Top](#)

# HAZMAT CERTIFICATION

*as required by U.S. DOT and IATA*

This certifies that

Christopher James Moffett

has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, function-specific, safety, and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. This certificate expires three years from the training date shown below.

February 03, 2014

## EMPLOYER CERTIFICATION

I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H).

Signature  Title Pres. Dir.



The Leader in Construction Testing Equipment

Troxler Electronic Laboratories, Inc.

PO Box 12057-3008 Cornwalis Road - Research Triangle Park, NC 27709

Phone: (919) 549-8661 - Fax (919) 549-0761 - [www.troxlerlabs.com](http://www.troxlerlabs.com)

Course: Hazmat

Tracking Code: 6JEI5JI9HDJ8759\_51605

# HAZMAT CERTIFICATION

*as required by U.S. DOT and IATA*

This certifies that

Charles Anderson

has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, function-specific, safety, and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. This certificate expires three years from the training date shown below.

February 03, 2014

## EMPLOYER CERTIFICATION

I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H).

Signature [Handwritten Signature]

Title Principal Engineer



The Leader in Construction Testing Equipment

Troxler Electronic Laboratories, Inc.

PO Box 12057-3008 Cornwallis Road - Research Triangle Park, NC 27709

Phone: (919) 549-8661 - Fax (919) 549-0761 - [www.troxlerlabs.com](http://www.troxlerlabs.com)

Course: Hazmat

Tracking Code: 8775BADD89FJEDE\_51595

# HAZMAT CERTIFICATION

*as required by U.S. DOT and IATA*

This certifies that


Robert C Lowery

has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, function-specific, safety, and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. This certificate expires three years from the training date shown below.

February 01, 2014

## EMPLOYER CERTIFICATION

I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H).

Signature  Title 2-17/14 - President



The Leader in Construction Testing Equipment

Troxler Electronic Laboratories, Inc.

PO Box 12057-3008 Cornwallis Road - Research Triangle Park, NC 27709

Phone: (919) 549-8661 - Fax (919) 549-0761 - [www.troxlerlabs.com](http://www.troxlerlabs.com)

Course: Hazmat

Tracking Code: 56G6H95J6H66B9H\_51515

# Nuclear Gauge Safety Certification

This certifies that

Robert C Lowery

has successfully completed training on radiation safety and regulatory requirements for the use of portable nuclear gauges on this date.

February 07, 2014

**This certificate is not valid until signed by the licensee RSO.**

I attest that the person named above, and no other, has completed the online course and tests. I certify that the individual has completed practical skills training for setting up and making measurements, routine maintenance, packaging and transport, storage, and emergency procedures for portable nuclear gauges.

TERRILL W TEMPLE

(print name)

*Terrill W Temple*

Signature

2/7/14

Date

Troxler Online Training meets the requirements in Chapter 64E, Part XIII, Florida Administrative Code.



**Troxler Electronic Laboratories, Inc.**

P.O. Box 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709

Phone: (919) 549-8661 - Fax: (919) 549-0761 - [www.troxlerlabs.com](http://www.troxlerlabs.com)

Course: Nuclear Gauge Safety - OL

Tracking Code: AGK7EDIK98KHA8F\_51936