

# D&M SITE INC,



## Surveying Inspection Testing Engineering

5859 SHERMAN ROAD • SAGINAW, MICHIGAN 48604 Tel: 989-752-6500

April 1, 2013

Materials Licensing Branch  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

RE: Control number 580020

Ms. Sara A.B. Forster,

As a follow up to your letter dated 3/29/2013 I would like to respond by stating we have changed our company name to D&M SITE, Inc. The new name has been registered with the State of Michigan and we have received our tax ID number.

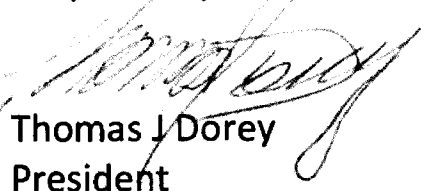
At this time we plan to purchase 2 Troxler 3430 series Portable surface moisture and density gauges. These gauges each use a 8 millicurie (+/-10%) Cs-137 source and a 40 millicurie (+/-10%) Am 241:Be source. Not to exceed either the maximum activity per source or maximum activity per device as specified in the Sealed Source and Device Registration Certificate. These gauges will be used to test physical properties of materials.

As far as my personal training goes I attended the Troxler training course in July of 1987. At that time I was a field technician performing A full range of construction testing services including field density testing by the Nuclear method. This position was held through April of 1994. In 2006 I was put back in the field as a construction technician and performed mentioned services for the last 6+ years. In addition to the Troxler training course I also have completed the Hazardous Materials D.O.T. Training –Portable Nuclear Gauge training course offered by the American Technical Institute. Copies of certifications enclosed.

I have also enclosed pages B-3 and B-4 from appendix B of the referenced guidance, NUREG 1556, Vol.1 Rev.1 for Revised commitments.

If you have any questions please feel free to contact me at 989 239 3805. Fax 989 752 6600 or e mail at [tjdorey@yahoo.com](mailto:tjdorey@yahoo.com)

Respectfully,



Thomas J Dorey  
President

Enclosures: Troxler Nuclear Gauge Training Certificate  
Hazardous Materials D.O.T. Training Portable Nuclear  
Gauges  
Appendix B Pages B-3 and B-4

# TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

THOMAS J. DOREY

of

GEO-TEST, LTD.

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.  
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

## Radiological Safety

1. Principles and practices of radiation protection.
2. Leak testing procedures.
3. Mathematics and calculations basic to the use and measurement of radioactivity.
4. Biological effects of radiation.
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation.
8. General safety precautions.

## Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

  
INSTRUCTOR

08-13-87

DATE

W. F. Troxler

PRESIDENT

Nº 19452

# Certificate of Completion

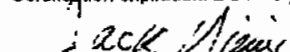


*This is to certify that*  
Thomas Dorey  
*has completed a course of study in*  
102 - Hazardous Materials D.O.T. Training - Portable Nuclear Gauge  
*dated*  
August 11, 2010  
*offered by*  
American Technical Institute

Training satisfies US DOT training requirements of 49 CFR 172 and IATA including:

- Emergency Procedures
- Methods and procedures for avoiding accidents
- Hazardous materials identification and recognition
- Self-protection measures
- Regulations applicable to job function
- Security

Certification expiration: DOT - 3 years from date listed above

  
\_\_\_\_\_  
Company RSO Signature

American Technical Institute  
5130 S. Ft. Apache Rd. #215-245  
Las Vegas, Nevada 89148

# **ITEMS 7 THROUGH 11: TRAINING AND EXPERIENCE, FACILITIES AND EQUIPMENT, RADIATION SAFETY PROGRAM, AND WASTE DISPOSAL**

| Item No. And Title                                                                                                                                                    | Suggested Response                                                                                                                                                                                                                                                                                                                         | Yes                                                                                         | Alternative Procedures Attached |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------|
| <p><b>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE – RADIATION SAFETY OFFICER</b></p> <p>Name: <u>THOMAS DOREY</u></p> | Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience – Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001. | <input checked="" type="checkbox"/>                                                         | <input type="checkbox"/>        |
| <b>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS</b>                                                                                         | Before using licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001.                                                       | <input checked="" type="checkbox"/>                                                         | <input type="checkbox"/>        |
| <b>9. FACILITIES AND EQUIPMENT</b>                                                                                                                                    | No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program – Public Dose" and "Radiation Safety Program – Operating and Emergency Procedures."                                                                                                                                | <p><b>Separate Item 9 Response</b></p> <p><b>Need Not Be Submitted With Application</b></p> |                                 |
| <b>10. RADIATION SAFETY PROGRAM – AUDIT PROGRAM</b>                                                                                                                   | The applicant is <i>not</i> required to, and should not, submit its audit program to NRC for review during the licensing phase.                                                                                                                                                                                                            | <p><b>Need Not Be Submitted With Application</b></p>                                        |                                 |
| <b>10. RADIATION SAFETY PROGRAM – TERMINATION OF ACTIVITIES</b>                                                                                                       | The applicant is <i>not</i> required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.                                                                                                   | <p><b>Need Not Be Submitted With Application</b></p>                                        |                                 |
| <b>10. RADIATION SAFETY PROGRAM – SURVEY INSTRUMENTS</b>                                                                                                              | We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.                                                                                                           | <input checked="" type="checkbox"/>                                                         | <input type="checkbox"/>        |

APPENDIX B

| Item No. And Title                                                 | Suggested Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes                                    | Alternative Procedures Attached                                                                                                         |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 10. RADIATION SAFETY PROGRAM – MATERIAL RECEIPT AND ACCOUNTABILITY | Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.                                                                                                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/>    | <input type="checkbox"/>                                                                                                                |
| 10. RADIATION SAFETY PROGRAM – OCCUPATIONAL DOSIMETRY              | Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or we will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.                                                                                                                  | <input checked="" type="checkbox"/>    | <input type="checkbox"/>                                                                                                                |
| 10. RADIATION SAFETY PROGRAM – PUBLIC DOSE                         | The applicant is <i>not</i> required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.                                                                                                                                                                                                                                                                                                                        | Need Not Be Submitted With Application |                                                                                                                                         |
| 10. RADIATION SAFETY PROGRAM – OPERATING AND EMERGENCY PROCEDURES  | We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site.                                                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/>    | <input type="checkbox"/>                                                                                                                |
|                                                                    | OR<br>Operating and emergency procedures will be developed, implemented, and maintained and will meet the criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.                                                                                                                                                                                                                             | <input type="checkbox"/>               |                                                                                                                                         |
| 10. RADIATION SAFETY PROGRAM – LEAK TEST                           | Leak tests will be performed at intervals approved by NRC or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions. | <input checked="" type="checkbox"/>    | <input type="checkbox"/><br>The information in Appendix J supporting a request to perform leak testing and sample analysis is attached. |

**Forster, Sara**

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**From:** Annette Dorey <Annette.Dorey@lmcu.org>  
**Sent:** Tuesday, April 02, 2013 12:50 PM  
**To:** Forster, Sara  
**Subject:** License / Control number 580020  
**Attachments:** [Untitled].pdf

Sara, attached is my response to our conversation on March 11, 2013.

Please review and advise if you should need anything further.

Thomas J Dorey  
D & M Site Inc.  
989-239-3805  
[tjdorey@yahoo.com](mailto:tjdorey@yahoo.com)

**From:** pr784 [<mailto:pr784@lmcu.org>]  
**Sent:** Tuesday, April 02, 2013 12:41 PM  
**To:** Annette Dorey  
**Subject:** scanned items