



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

DAVID L. LAKEY, M.D.
COMMISSIONER

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AUGUST 6, 2014

William G. Cronberger
Chief Business Development Officer
NDT Classroom
710 Main St.
Buffalo, NY 14202-1915

Dear Mr. Cronberger:

The Department has conducted a review of the NDT Classroom Radiation Safety V2 radiographer training course with respect to whether it meets the requirements of the 40 hour radiographer training course requirements outlined in Title 25 of the Texas Administrative Code §289.255(x)(1). A determination was made that the course did not meet the 40 hour time requirement in rule. The NDT Classroom radiographer training course may be used in combination with additional training as part of a complete 40 hour course.

The Department's estimate is that the course will take 28 hours to complete on average. This includes the running time for the course, which is slightly under 17 hours. Additionally, the student is expected to have administrative overhead time, time for self-study and review of the presentation and supplemental material, as well as time to have question and answer sessions with the course instructor, radiation safety officer, an experienced radiographer, NDT Classroom or other subject matter expert as needed bringing the course to a 28 hour length.

The NDT Classroom course covers many of the basic elements required of a 40 hour radiographer training course, therefore it may be used as part of a complete 40 hour course provided that it is supplemented with an additional 12 hours of instruction. Additional training subjects should include:

- A. Hands on training in the operation of a survey meter including battery checks, battery replacement, reading and changing scales and demonstration of response to a source of radiation.
- B. Hands on demonstration of typical surveys including a lock-out survey of a radiographic device and performance of perimeter surveys of a radiation area,
- C. Training and demonstration of typical techniques for setting boundaries including routine source activity determinations, dose rate calculations, shielding calculations and surveys as they would be performed in the field.
- D. Hands on demonstration on the use and wearing of personal dosimetry including badges, pocket and/or electronic dosimeters and alarming ratemeters including routine battery checks, battery replacement and battery checks when applicable..
- E. Demonstration of the basic operation of radiographic equipment.

- F. Demonstration of how to perform routine daily inspections of the radiographic equipment.
- G. Demonstration of proper techniques to use to avoid common incidents such as:
 - a. Properly attaching the source to the drive cable.
 - b. Properly securing the camera to prevent falls.
 - c. Properly securing the guide tube and/or collimators to prevent them from coming loose.
 - d. Checking the area for objects that could fall on the camera or guide tube,
 - e. Proper surveillance and securing of the camera while not in use.
- H. Time for review for the final exam
- I. Time for taking a proctored closed book final exam.

A company that intends to incorporate the NDT classroom course into their 40 hour course must submit a complete course outline to the Department for approval including; a list of training materials, a list of equipment available for hands-on training, a sample final exam with answer key, the instructors credentials or resume, and an example certificate of completion. The company must also state whether the course is for in-house training of their employees only, or will be commercially available. It will not be necessary to include detailed documentation on the NDT Classroom Radiation Safety V2 radiographer training course.

If the 40 hour radiographer training course is approved for in-house training only, the letter and procedures will be tied down in the last condition of the license. Otherwise a condition will be added to the license or registration authorizing the teaching of the course.

If you have any questions, please contact me at (512) 834-6688 extension 2206; or by electronic mail at ray.fleming@dshs.state.tx.us.

Sincerely,



Ray Fleming, Manager
Radioactive Material Licensing Group
Radiation Safety Licensing Branch



Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel. (207) 287-8016
Fax (207) 287-9058; TTY (800) 606-0215

November 21, 2014

Mr. Jim Treat, President
NDT Classroom, Inc.
710 Main Street
Buffalo, New York 14203

Re: Web-based Industrial Radiography Radiation Safety Training Course

Dear Mr. Treat:

The Maine Radiation Control Program received your letter to Mr. Hyland dated September 5, 2014, in which you requested approval status for your web-based training course, *Radiation Safety for Industrial Radiographers*.

The State Of Maine Rules Relating To Radiation Protection includes Part E regarding Radiographic Operations. Part E.16.A.(1) "...a course of at least 40 hours on the applicable subjects outlined in E Appendix A. The course must be one accepted by the Agency, another agreement state, or the NRC. In this regard, we concur with the finding of the Texas Department Of State Health Services in that the course meets 28 hours of the required 40 hours.

Please refer to the letter signed by Ray Fleming of the Texas Radiation Safety Licensing Branch dated August 1, 2014 for details of their finding regarding the contents of the 12 hours required to fulfill the full 40 hours requirement.

A company that intends to incorporate the NDT classroom course into their 40 hour course must submit a complete course outline to the Agency for approval and must include: a list of training materials, a list of equipment available for hands-on training, a sample final exam with answer key, the instructors' credentials or resume, and an example certificate of completion. The company must also state whether the course is for in-house training of their employees only, or will be commercially available. It will not be necessary to include detailed documentation on the NDT *Radiation Safety for Industrial Radiographers* training course.

If you have any questions you can contact me at (207) 287-8401.

Sincerely,

Thomas C. Hillman
Asst. Environmental Engineer
Radiation Control Program



State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE

January 22, 2015

Mr. Jim Treat
NDT Classroom, Inc.
710 Main Street
Buffalo, New York 14202-1915

RE: Web-based Industrial Radiography Radiation Safety Training Course

Dear Mr. Treat:

The Radiation Licensing Section received your request to approve your Web-based Industrial Radiography Radiation Safety Training Course. Our staff reviewed the website and concluded that under normal circumstances, we will accept the acceptance or denial of training classes issued by other Agreement States. Therefore, we will accept your course as partially meeting the 40 hours of classroom and laboratory training requirement in LAC 33:XV.599.Appendix A. Specifically, we will accept your course as meeting 28 of the required 40 hours of classroom and laboratory training. To fully meet the 40 hours requirement, an individual applying for a certification card must receive an additional 12 hours of classroom and laboratory training that covers the following subjects:

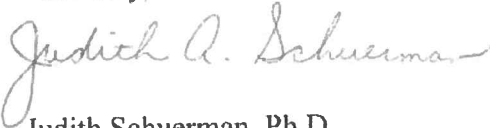
- Hands on training in the operation of a survey meter including battery checks, battery replacement, reading and changing scales and demonstration of response to a source of radiation.
- Hands on demonstration of typical surveys including a lock-out survey of a radiographic device and performance of perimeter surveys of a radiation area.
- Training and demonstration of typical techniques for setting boundaries including routine source activity determinations, dose rate calculations, shielding calculations and surveys as they would be performed in the field.
- Hands on demonstration on the use and wearing of personal dosimetry including badges, pocket and/or electronic dosimeters and alarming rate-meters including routine battery checks, battery replacement and battery checks when applicable.
- Demonstration of the basic operation of radiographic equipment.
- Demonstration of how to perform routine daily inspections of the radiographic equipment.
- Demonstration of proper techniques to use to avoid common incidents such as:
 - a. Properly attaching the source to the drive cable.
 - b. Properly securing the camera to prevent falls.

- c. Properly securing the guide tube and/or collimators to prevent them from coming loose.
- d. Checking the area for objects that could fall on the camera or guide tube.
- e. Proper surveillance and securing of the camera while not in use.
- Time for review for the final exam.
- Time for taking a proctored closed book final exam.

A company that intends to incorporate the NDT classroom course into their 40 hour course must submit a complete outline to the Agency/Department for approval and must include: a list of training materials, a list of equipment available for hands-on training, a sample final exam with answer key, the instructors' credentials or resume', and an example certificate of completion. The company must also state whether the course is for in-house training of their employees only, or will be commercially available. It will not be necessary to include detailed documentation on the NDT *Radiation Safety for Industrial Radiographers* training course.

If you have any questions, you may contact Ziad Fahd or Richard Scott Blackwell at (225) 219-3041.

Sincerely,



Judith Schuerman, Ph.D.
Environmental Scientist Manager
Assessment Division/Radiation Section

JAS:RSB:ZF



Iowa Department of Public Health
Promoting and Protecting the Health of Iowans

Gerd W. Clabaugh, MPA
Director

Terry E. Branstad
Governor

Kim Reynolds
Lt. Governor

December 22, 2014

William G. Cronberger
Chief Business Development Officer
NDT Classroom
710 Main Street
Buffalo, NY 14202-1915

Dear Mr. Cronberger

The agency has completed a review of the NDT Classroom Radiation Safety V2 radiographer training course to determine if the course meets the requirements of Iowa Administrative Code 641-45.1(10)"a" and Chapter 45 Appendix A. The state of Iowa concurs with the Texas Department of State Health Services in that the course will satisfy 28 of the 40 hour course requirement. We also concur with the additional requirements necessary to complete the 40 hour requirement as outlined in the letter dated August 6, 2014 to you from Mr. Ray Fleming, Manager of the Texas Department of State Health Services Radioactive Material Licensing Group. This includes the requirement for an Iowa radioactive materials industrial radiography licensee to submit a complete course outline to this office for agency approval.

If you have any questions or require clarification of any of the above stated information, please contact Leo Wardrobe at (515) 281-0422 or me.

Sincerely,

Randal S. Dahlin
Bureau of Radiological Health
(515) 281-0419
randal.dahlin@idph.iowa.gov

RSD/rd

Enclosure

LFW



STATE OF ALABAMA DEPARTMENT OF
PUBLIC HEALTH

Donald E. Williamson, MD
State Health Officer

September 16, 2014

Mr. Jim Treat, President
NDT Classroom, Inc.
710 Main Street
Buffalo, New York 14203

Re: Web-based Industrial Radiography
Radiation Safety Training Course

Dear Mr. Treat:

I have received your letter to James McNees dated September 5, 2014, in which you requested approval status for your web-based training course, *Radiation Safety for Industrial Radiographers*.

Under normal circumstances, we will accept the acceptance or denial of training classes issued by other Agreement States. Therefore, we will accept your course as partially meeting the 40 classroom and laboratory training requirements of 420-3-02-.04(16)(a)1. of the Rules of State Board of Health, Radiation Control. Specifically, we will accept your course as meeting 28 of the required 40 hours of classroom and laboratory training. To fully meet the 40 hour requirement, an individual applying for a certification card must receive an additional 12 hours of classroom and laboratory training that covers the following subjects:

- Hands on training in the operation of a survey meter including battery checks, battery replacement, reading and changing scales and demonstration of response to a source of radiation.
- Hands on demonstration of typical surveys including a lock-out survey of a radiographic device and performance of perimeter surveys of a radiation area.
- Training and demonstration of typical techniques for setting boundaries including routine source activity determinations, dose rate calculations, shielding calculations and surveys as they would be performed in the field.
- Hands on demonstration on the use and wearing of personal dosimetry including badges, pocket and/or electronic dosimeters and alarming ratemeters including routine battery checks, battery replacement and battery checks when applicable.
- Demonstration of the basic operation of radiographic equipment.

Mr. Jim Treat
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September 16, 2014

- Demonstration of how to perform routine daily inspections of the radiographic equipment.
- Demonstration of proper techniques to use to avoid common incidents such as:
 - a. Properly attaching the source to the drive cable.
 - b. Properly securing the camera to prevent falls.
 - c. Properly securing the guide tube and/or collimators to prevent them from coming loose.
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If you have any questions you can contact me or Neil Maryland, our Director of Radioactive Materials Licensing, at (334) 206-5391.

Sincerely,



David Walter, Director
Office of Radiation Control

DW/mwf