



**Radiation Safety
Officer Training
for Nuclear Gauge Users
2009**

Thermo
S C I E N T I F I C

Process Instruments 1410 Gillingham Lane (800) 437-7979 www.thermo.com/sottraining
Customer Training Manager Sugar Land, Texas 77478

We are pleased to offer training courses to help your company maximize the use of its process instrumentation and meet its professional development goals. Designed to provide in-depth knowledge and hands-on experience with Thermo Scientific products, our courses give participants the confidence they need to operate, maintain, and troubleshoot their instrumentation.

We also provide customized, on-site training at your facility.

For information on customized training, contact Thermo Fisher Scientific's training staff.

Radiation Safety Officer Training for Nuclear Gauge Users

As the leading manufacturer of nuclear gauging instrumentation for level, density and process measurement for over thirty years, Thermo Fisher Scientific is recognized throughout the manufacturing, production and regulatory communities for our high level service capabilities and technical expertise. Consequently, our continued commitment to customer satisfaction keeps our training program strong and growing.

We offer courses that have been accepted by the Texas Department of State Health Services, the Canadian Nuclear Safety Commission and the Radiation Control Program, and are recognized among Agreement States and the U.S. Nuclear Regulatory Commission. We have developed radiation safety training courses ranging from 4 hours to 40 hours to meet various individual's needs and company requirements.

Our 40-hour course is accredited by the American Board of Industrial Hygiene for 4.0 IH CEU and 3.4 Continuing Education Units.

With increasing field radiation safety interest and stringent regulatory requirements for training, we can help keep users current and informed. Many industry authorities accredit our courses as a standard by which to compare others against. Likewise, the course instructor possesses the education, experience and personal qualifications to ensure the continued success of this course.

Course Content

- Mathematics Review
- Regulatory Controls
- Radiation Dose Units
- Shipping
- Atomic Structure
- Radioactive Decay
- Radiation Protection Program—ALARA
- Types of Radiation
- Personnel Monitoring
- Interaction of Radiation with Matter
- Industrial Applications
- Radiation Detection
- Shielding & Biological Effects
- Hands-On Training

Who Should Attend

This course is designed for individuals who have been selected to serve as their company's Radiation Safety Officer as well as individuals interested in learning about the science and art of radiation safety. Previous participants have included radiation safety personnel, regulatory managers, plant managers, plant engineers, industrial hygienists, instrument personnel, state and federal radiation control staff, and other individuals interested in obtaining license authorization to install and relocate nuclear gauging devices.

Course Materials

All participants will be provided with course materials which include:

- Comprehensive manual and slide book
- Scientific calculator
- Training video and manual
- Regulatory guides, reference information and regulations.

Course Location

Course will be offered at the Thermo Fisher Scientific Training Center located in Sugar Land, Texas.

Course Schedule

Course is 40 hours. Homework is assigned each evening, and a comprehensive final exam is given Friday morning.

Monday – Thursday 8:00am – 5:00pm
Friday 8:00am – 12:00pm

Dates

- January 12-16, 2009
- March 2-6, 2009
- May 4-8, 2009
- June 22-26, 2009
- August 10-14, 2009
- September 14-18, 2009
- November 16-20, 2009
- December 14-18, 2009

Registration Fee

\$2,430.00 per person

About the Instructor

Mr. Ralph S. Heyer holds a B.S. in Biology from Wright State University and has over 25 years experience in the area of licensing, inspection, enforcement, regulations and health physics with both the state and federal government. He has worked for the National Institute of Health, the Texas Department of State Health Services, and the U.S. Nuclear Regulatory Commission and, during his tenure with Thermo Fisher, has served as Manager of Technical Services, Manager of Regulatory Affairs and Radiation Safety Officer. Mr. Heyer also recently received the prestigious Conference of Radiation Control Program Directors Award for Meritorious Service in the Field of Radiation Protection. This nonprofit U.S. organization is comprised of state program directors and federal representatives that regulate and control the use of radioactive materials and sources (<http://www.crcpd.org/>). The organization presents this award to one recipient each year, and Mr. Heyer won it for his invaluable assistance to several groups dealing with federal, state and private industries that are concerned with radiation regulatory and safety issues.

Radiation Safety Officer Training for Nuclear Gauge Users

Registration Form

Participant's Name _____

Title _____

Participant's Phone Number _____

Participant's E-mail Address _____

Participant's Fax Number _____

Company Name _____

Company Billing Address _____

Billing Contact _____

Billing Contact's Phone Number _____

Billing Contact's E-Mail Address _____

Billing Contact's Fax Number _____

City _____

State _____

Zip Code _____

Course Date _____

Method of Payment

- Check (make payable to Thermo Process Instruments, L.P.)
- Purchase Order (hard copy required)
- Credit Card: Visa MasterCard American Express

Name on Card _____

Card Number _____

Expiration Date _____

Registration

Thermo Fisher Scientific
Customer Training Manager
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Sugar Land, Texas 77478 USA

Call toll-free +1 (800) 437-7979 or
visit www.thermo.com/rsotraining