

SOURCE PRODUCTION & EQUIPMENT CO., INC.

COURSE ENROLLMENT FORM

For Class Dates: November 17-20, 2009

Deadline to Register: October 20, 2009

Please complete one registration form per student!

Course Name: (Check one or both)

<input type="checkbox"/> RADIATION SAFETY OFFICER	<input type="checkbox"/> SOURCE RETRIEVAL
November 17-19, 2009	November 20, 2009
8:00 am - 5:00 pm	8:30 am - 4:00 pm
Cost: \$765.00	Cost: \$295.00

Student Name: _____

Point of Contact if other than student: _____

Company: _____

Mailing Address: _____

City _____ State _____ Zip _____

Telephone: _____ Fax: _____

Email: _____

Method of Payment: Payment is due by registration deadline date.

Visa Mastercard

American Express Check No. _____

Credit Card Number _____ Exp: _____

Name as it appears on card: _____

Amount Due: \$ _____

Mail enrollment form with payment to arrive by October 20, 2009. If the minimum number of students is not met, the class will be postponed and payments will be refunded. Once the class is confirmed and payment has been received, no refunds are available. If a student does not attend the class for any reason, no refund or make up class will be provided. Checks should be made payable to Source Production & Equipment Co., Inc. If paying by credit card you may fax the form to 504-467-7685 attn: Kelly Laiche.

Mailing address: Source Production & Equipment Co., Inc.
Course Registration/Kelly Laiche
113 Teal Street
St. Rose, LA 70087

SEE ATTACHMENT FOR ITEMS TO BRING TO CLASS!

INFORMATION
FOR SPEC TRAINING CLASS
(includes list of items to bring)

Course Location:

Source Production and Equipment Company
119 Teal Street
New Orleans, LA 70087
Phone: (504) 464-9471

Location Information:

SPEC is located in James Business Park, a couple of miles west of the New Orleans Airport (MSY), off of US Highway 61. There is a Ramada at the entrance of the park, at a traffic light. Go through the light and turn right on the next street (James Drive West), by Wendy's. Continue on James Drive West until you come to Teal Street (3rd street on right side). Turn right onto Teal Street. The second and third offices on the left are SPEC buildings (113 & 119 Teal). The training facility is upstairs at 119 Teal Street. You may park in either parking lot.

Course Hours & Attire:

Official work hours for the RSO course are from 8:00 a.m. - 5:00 p.m. with an hour for lunch. Work hours for the Source Retrieval Course are from 8:30 am - 4:00 pm with an hour for lunch. Student should dress casually and wear comfortable pants/slacks and shirts that will facilitate laboratory exercises. It is recommended that you bring a jacket (seasonal) and rainwear in the event of inclement weather.

Lodging:

The hotel closest to the training facility is the Ramada Inn & Suites New Orleans Airport in St. Rose (800-272-6232 or 504-466-1355). The following hotels are only a couple of miles from the facility. [Note: No endorsement is expressed or implied. It is the individual's responsibility to ensure that rates are within their employers limits.] Best Western at the Airport (504-464-1644); Hilton New Orleans Airport (800-HILTONS or 504-469-5000). These are directly across the highway from the airport. Other hotels further away but in the vicinity, are: Radisson Inn N.O. Airport (800-333-3333 or 504-467-3111); Travelodge Airport (504-469-7341).

ITEMS TO BRING:

For ALL classes, students should bring:

1. Issued dosimetry (issued-dosimetry will be available for those who don't have issued dosimeters or an OSL/film badge).
2. Scientific calculator.

For RSO Class, students should bring (in addition to those above):

1. Copy of their company's radioactive material license
2. Copy of their license application
3. Copy of their operating and emergency procedures
4. Copy of state regulations.

Source Retrieval Course Outline

1. Main Causes of Emergencies
2. Advance Preparations
3. Lab: Review retrieval equipment. Cut drive cables & guide tubes
4. Media
5. RSO Initial Response to Emergency
6. On-Site Activities
7. Post Retrieval Actions
8. Hypothetical Case/Hands-on Lab

Radiation Safety Officer Course Outline

Course Description

This course is designed to meet the requirements of the Code of Federal Regulations, Title 10, Part 34, "Licenses for Radiography and Radiation Safety Requirements for Radiographic Operation" including Appendix A.

Course Objectives

The purpose of this program is to fully acquaint the user with the potential hazards of radiation and the accepted means of adequate protection to all concerned. The frame work and guidance offered by the prevailing rules will be presented in great detail. Nondestructive testing nomenclature and explanation of commonly used symbols are discussed with their specific meanings. Upon successful completion of this course the attendee will be able to:

- Understand Radiation Safety, Biological Effects of Ionizing Radiation and Radiation Protection guides
- Understand Radiation Physics and its inter-relationship with matter.
- Have an understanding of the requirements of the Nuclear Regulatory Commission for Radiography technicians.

Course Content

Basic Atomic Physics

Industrial Gamma Ray Equipment

X-Ray Equipment and Production

Radiation Units for Measurement of Radioisotopes

Radiation Units for Measurement of Ionizing Radiation

Personal Maximum Permissible Doses

Proposed I.C.R.P. New Maximum Permissible Doses

Radiation Detection and Monitoring

Basic Principles of Radiation Protection

Leak Test and Storage of Radiographic Exposure Devices

Biological Effects of Ionizing Radiation

Nuclear Regulatory Commission Regulations

Documentation and Record Keeping

Transportation of Radioactive Material

Practical Session

Radiation Emergency Procedures

Radiographic Exposure Device Lost in Transit

Vehicle Accident During Transit of Radiographic Exposure Device

Radioactive Contamination

Radioisotope Source Capsule Assembly Disconnected from Drive Cable

Radioisotope Will not Return to Radiographic Exposure Device

Case Histories of Industrial Radiation Incidents