A SEMINAR ON

Radiation Safety and Management

- *NRC & Agreement State Regulations*
- *Licensing of Radioactive Materials*
- *Record Systems*
- *DOT Regulations & Certification*
- *Inspections*
- *Emergency Response*
- *Continuing Education*
- *Personnel Monitoring*
- *Instrument Calibrations*
- *Physics and Math Review*
- *Radiation Safety Programs*
- *Personnel Training*
- *NORM Training*

March 5-7, 2018
SAHCI Office
New Lenox, Illinois

October 29-31, 2018
SAHCI Office
New Lenox, Illinois

Register Today Call (800) 383-0468

Stan A. Huber Consultants, Inc.
Health Physics and Radiation Safety Services

200 N. Cedar Road — New Lenox, IL 60451-1751
(800) 383-0468 or (815) 485-6161 - Fax (815) 485-4433
e-mail: sahci@sahci.com, homepage www.sahci.com

A Seminar on

Radiation Safety & Management

Registration and Accreditation Information:

You may register by email, telephone (800) 383-0468, fax (815) 485-4433 or mail the completed registration form to Stan A. Huber Consultants, Inc., 200 North Cedar Road, New Lenox IL 60451. The website sahci.com also contains a form-fillable sign up sheet.

Registration is available up to 5 days prior to the seminar starting date. You may cancel up to seven days before the seminar and your registration fee will be refunded less a $90 handling charge. If you must cancel less than seven days prior to the seminar, you may send a substitute from your company, or transfer your registration to another seminar location. No refunds will be given for cancellations received the day the course begins or later.

Stan A. Huber Consultants, Inc. reserves the right to cancel courses if there is insufficient enrollment (registrants would receive a full refund).

When we receive your registration, we will send you an acknowledgment letter with details about travel information, meeting room location, etc.

Your registration fee includes: Continental Breakfasts, Lunches at local restaurants, Break Refreshments, Comprehensive Radiation Safety Manual and Record Systems, Radiation Training Materials, and Individual License Sessions (if requested).

THIS SEMINAR IS APPROVED FOR CONTINUING EDUCATION CREDITS by the American Board of Industrial Hygiene, Illinois Emergency Management Agency (IEMA) Division of Nuclear Safety, and Board of Certified Safety Professionals. The seminar meets the IEMA requirements for Radiation Safety Officer training for Fixed Gauge Users.

REGISTRATION: Registration fee is **$650** per person. Please list additional attendees on separate sheets of paper. Please ☑ seminar location:

❒ March 5-7, 2018
❒ October 29-31, 2018

Name: _____

Position: _____

Organization: _____

Address: _____

City, State, Zip: _____

Telephone: _____

Fax: _____

Email: _____

How would you like us to contact you? ❒ Phone ❒ Fax ❒ Email

Payment Information:

❑ Payment Enclosed ❑ Charge to VISA ❑ Charge to MC

Card #: _____ Exp. Date: _____

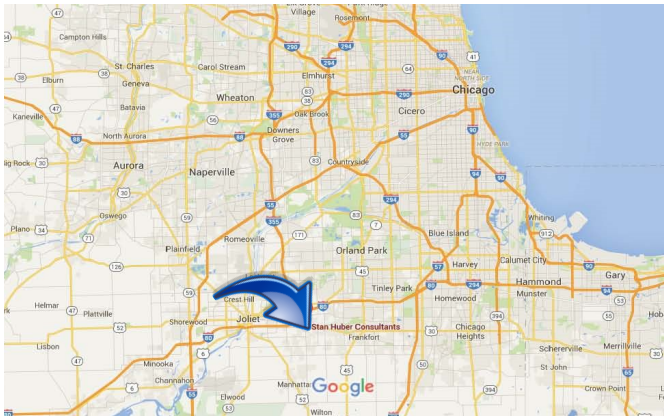
Signature _____

Reservations: Detailed travel information will be sent with your acknowledgment letter.

When making reservations for all seminars being held at the Stan A. Huber Consultants, Inc. Office in New Lenox, Illinois we will provide you with a listing of local hotels and motels in the area and our recommendations.

The office is located in Chicago Southland at the intersection of I-80 (exit #137) and U.S. 30 and I-355. Easy access to I -57, I-294, 1-90/94, I-394 and I-55. Close to downtown Chicago, Midway and O'Hare Airports. Information about the seminar location can be found in the training section of our website:

www.sahci.com



A Seminar on

Radiation Safety & Management

Types of Radiation
This section introduces the attendee to the basics of radiation and its use in industry and medicine. Terminology and definitions are discussed, as well as the basic concepts used for radiation protection. The session includes a math review and participants will perform calculations necessary for quality control and radiation protection.

Radiation Biology
This session discusses the biological effects and theories of radiation exposure, as well as prenatal exposure. NRC Regulatory Guide 8.13 (prenatal exposure) will also be reviewed.

Nuclear Regulatory Commission and Agreement State Regulations
This session presents detailed review of 10 Code of Federal Regulations, Part 19, "Instructions to Workers", and Part 20, "Standards for Protection Against Radiation." Agreement State regulations will be covered depending on states represented or discussed during individual sessions with attendees.

Licensing of Radioactive Materials and License Conditions
This session discusses radioactive materials licenses in NRC and Agreement States. It includes the types of licenses, license conditions, components of a license, and the preparation of renewal and amendment applications. Individual licenses can be reviewed and specific problems addressed during the Licensing Review Session.

Radiation Safety Programs
This session evaluates a radiation safety program through the use of a checklist format with emphasis on the responsibilities of management and the Radiation Safety Officer. NRC Regulatory Guide 8.13 will also be reviewed.

Sample Forms & Postings
The postings required by the Nuclear Regulatory Commission or Agreement State regulations are reviewed. Sample forms and procedures for receipt and accountability of radioactive materials are included for reference and use.

DOT Regulations and Transportation of Gauges and Sources
The purpose of this section is to familiarize the participant with specific sections of 49 Code of Federal Regulations as they relate to transportation of radioactive sources. This includes instructions in the proper packaging, labeling, manifesting, and shipping of radioactive sources. Also includes latest regulatory changes for shipping radioactive materials.

Radiation Detection Instruments
Participants are introduced to different types of radiation detection instruments and personnel monitoring devices. The session includes operating procedures, equipment demonstrations and hands-on operation.

Inspection Preparedness
This session will offer recommendations to prepare for regulatory inspections and implement corrective actions. We will also discuss regulations and civil penalties through the use of case studies and regulation reviews.

Termination of Radioactive Material Programs
This section outlines the necessary steps to terminate a radioactive material program, including a close-out survey of facilities, disposition of radioactive material and notification of regulatory agencies. Relocation of facilities is also discussed.

Emergency Response
This session reviews the precautions and procedures to follow in the event a radioactive source or gauge is lost or damaged, or a contamination incident occurs. Also included are overexposure reporting requirements and mock emergency response scenarios.

NORM and TENORM
This session includes Sources and Geology of NORM, Chemistry of NORM, Industrial Sectors with TENORM, Control and Management of NORM, NORM Regulations, and Radon.

Each Day will include a Question and Answer Session

Stan A. Huber Consultants, Inc., has presented radiation training to institutions and individuals for over 20 years. This seminar has been presented numerous times over the past 20 years, and has been continually updated to keep pace with regulatory changes and developments in the field.

Seminar Schedule: Sign-in and Registration 8:00 AM; Continental Breakfast 8:00 AM - 8:30 AM; Lectures 8:30 - 12:00 and 1:30 PM - 4:00 PM; Lunch 12:00 Noon - 1:30 PM at local restaurants; Question & Answer Sessions 4:00 PM - 4:30 PM

WHO SHOULD ATTEND... Radioactive Material Users, Gauge Users, Radiation Safety and Industrial Hygiene Personnel, Regulatory Affairs Managers, Plant Managers, Lab Supervisors, Well Loggers, Emergency Response Teams, and all personnel who need a basic knowledge of Nuclear Regulatory Commission and Agreement State requirements, and how to administer a program in compliance with those requirements.

ON-SITE TRAINING:

Bring this seminar to your facility…

- It's convenient.
- It's affordable.
- No limit to the number of attendees.
- It can be tailored to your specific license conditions and operations.

Radiation Safety Training can be presented in one, two, or five day courses, depending on the requirements of your radioactive material program and the type of personnel to be trained. Call us for details - **(800) 383-0468.**

MANAGEMENT NEEDS TO KNOW...

Use of radioactive materials, gauges and sources is subject to ever increasing government regulations. The efficient manager knows and controls the use of radioactive materials and has an effective radiation safety program. Management has to deal with NRC and State Health Department inspections, employee concerns about radiation, and a flood of regulations and regulatory notices. The seminar will prepare management to handle this difficult and time-consuming task.

PERSONNEL WORKING WITH OR AROUND RADIOACTIVE MATERIALS AND GAUGES NEED TO KNOW...

Workers trained in effective radiation safety practices and efficient record systems can implement the radiation safety program and will give management the assurance that all uses of radioactive materials are in compliance with regulations and license conditions. This seminar will offer current and new employees a way to develop such a program.

A SEMINAR

Radiation Safety and Management

February 21-23, 2011
May 17-19, 2011
November 1-3, 2011

NRC & Agreement State Regulations — Licensing of Radioactive Materials — Record Systems
DOT Regulations — Inspections — Emergency Response — Continuing Education
Personnel Monitoring — Instrument Calibrations — Physics and Math Review
Radiation Safety Programs — Personnel Training — Naturally Occurring Radioactive Materials

Stan A. Huber Consultants, Inc.
Health Physics and Radiation Safety Services
200 N. Cedar Road
New Lenox, IL 60451

For a listing of our other seminars and services, please check out our website at ***www.sahci.com***