



TRAINING SEMINAR

March 4 – March 7, 2008

Courtyard Marriott-King of Prussia
100 Drummers Lane, Wayne, PA 19087
610-867-6700

ASSE 6015 PROFESSIONAL QUALIFICATION STANDARDS FOR BULK MEDICAL GAS SYSTEM INSTALLERS

B&R PRESENTS

A Seminar to prepare installers of bulk medical gas systems at health care facilities to take the National Inspection Testing Certification (NITC) test for ASSE 6015 standard certification

COURSE OVERVIEW

This course focuses on preparing personnel who install and maintain Medical Gas systems at health care facilities to take the NITC exam for certification to the ASSE 6015 standard. This program covers all of the subjects and requirements found in the ASSE 6015 standard.

Topics covered are Installer training and certification requirements, system design & sizing considerations, cGMP documentation for health care systems, and system commissioning and testing requirements. During the course, there will also be a review of current and emerging requirements, for bulk Medical Gas systems, along with other codes and standards that affect health care facility installations.

WHO SHOULD ATTEND

This course is for anyone involved in bulk medical gas system installation and maintenance, 3rd party certifiers who provide testing and certification of bulk medical gas systems, medical gas sales personnel, operation managers, cryogenic service managers, hospital facility managers, Quality Control Unit (QCU) personnel, and internal quality auditors.



The subjects covered are applicable to all central supply medical gas systems using bulk cryogenic liquid vessels, portable cryogenic liquid cylinders, and high-pressure cylinders.

ALL ATTENDEES WILL RECEIVE:

- Course binder containing copies of all presentation materials
- Copy of the NFPA 99 standard 2005 edition
- Copy of the CGA M-1 standard 2006 edition
- Copy of the ASSE 6000 series standards 2006 edition
- Copy of 21 CFR part 210 and 211
- Copy of 29 CFR 1910.104
- Copy of 29 CFR 1910.146
- Copy of 29 CFR 1910.147
- Copy of 29 CFR 1910.251
- Copy of 29 CFR 1910.252
- Copy of 29 CFR 1910.253
- Copy of the Copper Development Association's Copper Tube Handbook
- A certificate of training from B&R Compliance Associates



BOB SUTTER

COURSE INSTRUCTOR

Bob Sutter is one of the principals of B&R Compliance Associates. He has over 30 years of experience in the gases industry. He has been certified by the NITC as an ASSE 6055 Bulk Medical Gas System Instructor. He is recognized as one of the leading experts on compliance issues and medical gas systems in the industry today.

COURSE LOCATION

Courtyard Marriott - King of Prussia
100 Drummers Lane, Wayne, PA 19087
(Suburban Philadelphia Area)

610-687-6700

<http://www.marriott.com/hotels/maps/travel/phlva-courtyard-philadelphia-valley-forge-king-of-prussia/>



TRAINING SEMINAR

March 4 – March 7, 2008

Courtyard Marriott-King of Prussia
100 Drummers Lane, Wayne, PA 19087
610-867-6700

A Seminar to prepare installers of bulk medical gas systems at health care facilities to take the National Inspection Testing Certification (NITC) test for ASSE 6015 standard certification

COURSE AGENDA

DAY ONE

March 4th - 8:30 – 5:00

■ Introduction

- Instructor
- Class participants
- Standard background (or why are we here)
- ASSE 6015 Scope and Purpose

■ Terminology

- NFPA 99 [2005]
- CGA M-1 Guideline for Medical Gas Supply Systems at Consumer Site
- ASSE 6001 [2006]

■ Industry References and Standards

- Understanding codes
- Review of codes impacting bulk medical gas installations



DAY TWO

March 5th - 8:30 – 5:00

■ Installation Practices

- Pre-installation
- System sizing considerations
- Site selection and access
- Material selection
- Training of health care facility personnel

■ United States Food and Drug Administration (FDA)

- History and authority
- Current Good Manufacturing Practices (CGMP)
- Inspections and enforcement

■ Basic Concepts

- Cryogenics
- Properties of gases
- Gas safety
- Site security

■ Standard Operating Procedures (SOP's)

- Purpose
- Format
- What should be included

DAY THREE

March 6th - 8:30 – 5:00

■ Product Knowledge

- Bulk system components
- Source equipment types
- Vacuum and insulation
- Vaporizers
- Relief valves (safeties)

■ Installation knowledge

- Your SOP's
- Equipment setting
- Installation practices
- Installation problems

■ Testing

- System
- Equipment
- Methods
- Installer performed

DAY FOUR

March 7th - 8:00 – 12:00 NOON

■ Course wrap

- General discussion
- Question and answers

■ NITC ASSE 6015 certification test (For qualified attendees at additional cost of \$105.00)

PROGRAM REGISTRATION FEE: \$1,575.00 PER PERSON

Additional Fee of \$105.00 Required for NITC ASSE 6015 Certification Test

NOTE: The course registration fee does NOT include the NITC test certification fee of \$105.00. If you want to take the NITC certification exam please complete the NITC Registration Form.

FOOD AND LODGING: Lunch served during the class days of March 4th- 7th, along with morning and afternoon refreshments. Breakfast and evening meals are your own responsibility.

SPECIAL ROOM RATES: We have a limited number of rooms available at a rate of \$154 a night (plus applicable state and local taxes).

These special room rates are good until Monday February 4th 2008. You need to mention B&R Compliance to get the group rate.

Attendees requiring overnight lodging should make their own arrangements by contacting the local hotel of their choice directly. A shuttle service is available from the airport. The following link will take you to Tropiano Transportation. <http://www.tropiano transportation.com/shuttle/hotels.aspx>

The following link will take you to the shuttle schedule and pricing.

http://www.tropiano transportation.com/shuttle/schedule/kop_courtyarddrummerslane.asp

Courtyard Marriott-King of Prussia
100 Drummers Lane
Wayne, PA 19087
610-867-6700

<http://www.marriott.com/hotels/maps/travel/phlva-courtyard-philadelphia-valley-forge-king-of-prussia/>

This course is an interactive session, and to ensure we provide adequate time to answer questions from participants, we limit attendance. Registration is on a first come, first served basis. Substitutions accepted up to day of the class.

No refunds after 2 weeks prior to the course.



TRAINING SEMINAR

SEMINAR REGISTRATION FORM

A Seminar to prepare installers of bulk medical gas systems at health care facilities to take the National Inspection Testing Certification (NITC) test for ASSE 6015 standard certification

Payment must accompany registration. Only one registration per form will be accepted. This form may be copied for additional registrations. Please attach a business card or type/print legibly.

COURSE DATES – MARCH 4 – MARCH 7, 2008
 Please **print or type** e-mail address where indicated.
 Confirmations will be sent via e-mail.

Program Registration Fee: \$1,575.00 PER PERSON

The course registration fee does NOT include the NITC test certification fee of \$105.00. If you want to take the NITC certification exam please complete the NITC registration forms.

No refunds after two weeks prior to the start of the course.

Name: _____

Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: () _____

E-Mail: _____

Method of Payment Check # _____



MC



Visa



Amex

Card Number _____

Exp Date _____ Security Code _____

Name as it Appears on Card (Print or Type) _____

Amount \$ _____

Signature _____

PROGRAM REGISTRATION FEE: \$1,575.00 PER PERSON • MAKE CHECKS PAYABLE TO B&R COMPLIANCE ASSOCIATES LLC
The course registration fee does NOT include the NITC test certification fee of \$105.00.

Send Completed Forms To:

Mail or Fax

B&R Compliance Associates LLC
P.O. Box 20603, Lehigh Valley, PA 18002
Attn: Training Department
Fax (610) 868-7185

E-Mail:

training@brcompliance.com

On Line Registration

www.brcompliance.com