



Environmental & Medical Gas Services

103 Hunter Industrial Dr.
Villa Rica, GA 30180

Ph. (770) 459-5920
Fax (770) 459-1812

COURSE DATE: Sept. 20-23, 2011

COURSE LOCATION: Bilz Plumbing
235 Second Street
Ferrysburg, MI 49409

ASSE 6005 MEDICAL GAS SPECIALIST

A 24 hour training course for medical gas system engineers, designers, and personnel in need of general medical gas system information.

Prerequisite: None

Cost: \$750.00

ASSE 6010 MEDICAL GAS INSTALLER

A 32 hour training course for medical gas system installers which includes both a written and a practical brazing test. Brazing credentials are re-issued on a six month time interval to insure continuity of brazing expertise.

Prerequisite: (4) years of documented practical experience in the installation of piping systems.

Cost: \$850.00*

****Our course is approved in the following states: Georgia, Tennessee, Michigan, Iowa, North Carolina, South Carolina, Kansas and New York. If you do work in another state, we offer a national certification from NITC for an additional \$50.00. You must complete a separate NITC application.***

ASSE 6020 MEDICAL GAS INSPECTOR

A 24 hour training course for medical gas system Inspectors who inspect and review medical gas system installations for both governmental and private agencies.

Prerequisite: (2) years of documented practical experience (any type of installation services).

Cost: \$750.00

COURSE OUTLINE

I. DAY ONE (8 HOURS)

- A. NFPA 99C CODE INTRODUCTION
- B. NFPA 99C CODE DEFINITIONS
- C. MANIFOLDS
- D. AIR COMPRESSORS

II. DAY TWO (8 HOURS)

- A. PIPELINE DISTRIBUTION
- B. MEDICAL GAS ALARM PANELS
- C. MEDICAL GAS SHUT-OFF VALVES
- D. VACUUM PUMPS AND LEVEL III SYSTEMS

III. DAY THREE (8 HOURS)

- A. NFPA 99C 2005 EDITION CODE OVERVIEW
- B. NFPA 99C 2005 EDITION CODE QUIZ

IV. DAY FOUR (8 HOURS)

- A. INSTALLATION / INSTALLER REQUIREMENTS
- B. WRITTEN TEST
- C. BRAZING COUPON TEST (ASSE 6010 only—review supply list at right).

COURSE SYNOPSIS

The majority of the course is taught in a classroom setting and consists of lecture session segments, each of which is accompanied by a course worksheet. Day one, two & three are spent entirely in the classroom setting. Day four is split between some time in the classroom and some time spent in the shop area where each student is required to braze their own individual coupons (ASSE 6010 only). The test coupons consist of two sections of 1-1/2" pipe in a coupling in two separate assemblies to obtain two vertical upflow and two horizontal joints for a total of (4) brazed joints. A minimum test score of 75% is required to pass the written exam, which consists of a 100 question, closed book, multiple choice question type test. Upon successful completion of the course, a certificate, identification card, and brazing procedure qualification record are mailed to the student's employer. **A copy of the 2005 edition of NFPA99 C is included in the cost of the course.** Class will start at 8:00 AM and last until 5:00 PM each day. The class will be dismissed somewhat earlier on the final (test) day as some students may finish earlier than others.

EQUIPMENT REQUIRED FOR ASSE 6010 COURSE ONLY

- Ten (10) 1-1/2" Mueller W 01063 **copper coupling fittings** (standard type" L" plumbing fittings are acceptable and the fittings do not need to be cleaned for oxygen service). **We highly recommend using these Mueller ring-type couplings rather than dimple-type.**
- Minimum 10' of **copper tubing** type "L" size 1-1/2" (standard copper; does not need to be cleaned and capped (**The (10)' of 1 1/2" copper tubing can be cut into (10) seven inch lengths and (10) five inch lengths for placement in our brazing jig. Please cut pipe with a tubing cutter. This will expedite your practice and test brazing procedures. Fittings and pipe need to have no oxidation present.**
- (1) pound or 28 sticks of **Silver solder** with a minimum of 15% silver content (substitute 2-15% is not acceptable).

EMGS COURSES ARE TAUGHT BY A CREDENTIALLED ASSE 6050 INSTRUCTOR WITH OVER 20 YEARS OF EXPERIENCE IN THE MEDICAL GAS INDUSTRY.

COURSE APPLICATION



COURSE DATE: September 20-23, 2011
TIME: 8:00am – 5:00pm each day
LOCATION: Bilz Plumbing, Ferrysburg, MI

COMPANY: _____

ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

CONTACT PERSON: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

E-MAIL ADDRESS: _____

PLEASE CHECK APPROPRIATE COURSE:

- 6005 SPECIALIST** **6010 INSTALLER** **6020 INSPECTOR**

NAMES OF PARTICIPANTS (If taking the national exam (review first page of flyer), you will also need to complete a separate NITC application).

1. _____ 2. _____

3. _____ 4. _____

*Optional: You can purchase a DVD of the brazing procedure for \$20.00. We recommend that you practice the procedure prior to attending the course.

Contact: Caroline Darden, Training Director

Respond by FAX:
(770) 459-1812

Respond by PHONE:
(770) 459-5920

Respond by EMAIL:
caroline@emgsi.com

Respond by MAIL:
103 Hunter Industrial Dr.
Villa Rica, GA 30180

Please include payment with your registration form. Checks can be made payable to EMGS. We also accept Visa/Mastercard/Discover.

Card Type: _____

Name on Card: _____

Card #: _____

Expiration: _____ Billing Zip: _____

Cancellations will forfeit 50% of paid amount.



INSPECTION • TESTING • CERTIFICATION

ISO 9001:2008 Certified



Examinee Log In Information

Testrac ID #:
Testrac PIN #:

Application for NITC Medical Gas Installer/Brazer Examination

Please Note: Effective February 18, 2008 the fee is One Hundred Eight Dollars (\$108.00). This must be prepaid and is **NON REFUNDABLE**. Please make check or money order payable to NITC. Visa, Master Card or American Express payment is also accepted.

Re-Test: This examination is available computer based at ACT centers; go to www.nationalitc.com to locate an ACT center. Please contact NITC to provide payment information. For exams given at ACT centers an email address must be provided; you will receive an e-mail confirmation with your login information to schedule the exam date and time. A rescheduling fee of **\$45.00** dollars will be charged for cancelled examinations.

Are you interested in taking the exam at an ACT center? Yes No

To qualify for this examination you must meet the following requirements per the **ASSE Series 6000, Standard #6010, Section 10-3.2, Certification of Medical Gas Installers:** Successful completion of a minimum 32-hour training course including a written and a practical examination covering all facets of ASSE Standard #6010, NFPA 99, NFPA 99C and NFPA 50; and a minimum of four (4) years of documented practical experience in the installation of piping systems.

First & Last Name: _____ S.S. #: (last six) _____

Address: _____ Residence Phone: _____

City, State: _____ Zip: _____

Email: _____ Work Phone: _____ Cellular Phone: _____

I have (or will have) completed a 32-hour training course per ASSE Series 6000, Standard #6010, Section 10-3.2: Yes No

List the dates and location of the 32-hour training course you attended (or will attend): _____

Locations of Training Center: _____ Name of Instructor: _____

I have minimum four (4) years experience in Installation of Piping Systems: Yes No

List your present or most recent employer first:

Employer & City	Job Duties	From	To

I do solemnly swear or affirm that the above statements are true. I further realize that falsification of these statements shall be cause for disqualification. By affixing my signature to this application, I agree to abide by the following rules and regulations of certification holders as set forth by the NITC certification committee. As a holder of an NITC certification I agree to not make any false claims about the scope of my certification(s); I agree to not utilize an NITC certification in any manner that portrays NITC unfavorably; and furthermore, I agree to not engage in false or misleading advertising of my NITC certification. I understand that NITC reserves the right to suspend or revoke my certification should I violate these obligations. Should my certification be revoked, I agree to cease and desist any and all references to being the "holder" of an NITC certification and shall return any certificates, including wallet sized photo identification cards, to NITC.

I agree to not utilize any written documents, reports, procedures, etc., with the NITC certification mark in any manner whatsoever that may be inaccurate or false.

Signature of Applicant: _____ Date: _____