



## Environmental & Medical Gas Services

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103 Hunter Industrial Dr.  
Villa Rica, GA 30180

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

### ***NOW BEING OFFERED.....***

***FOUR-DAY (32-HOUR), ASSE 6040 COURSE FOR:***

### ***MEDICAL GAS MAINTENANCE CERTIFICATION***

**Course Date: April 24-27, 2012**

**Location: EMGS, Inc. – Villa Rica, GA**

The ASSE 6040 Standard requires that all maintenance of medical gas and vacuum systems must be performed by individuals who are qualified under the provisions of ASSE 6040.

EMGS, Inc. has developed a 4-day course, taught by an ASSE 6050 credentialed instructor that will certify any member of your staff that might be in a position to maintain or service any part of a medical gas source or pipeline system for repair or addition. They will also be credentialed to install, repair, or replace most medical gas equipment maintenance parts.

The course curriculum will take four (4) days to complete; the tuition is \$850.00 per participant and the class size will be limited, so respond quickly.

**Please complete the application form on page 4 and mail the form along with payment (checks payable to EMGS, Inc.) to 103 Hunter Industrial Dr. Villa Rica, GA 30180. Registration is not complete until we have received payment.** If you have any questions, please call EMGS at 770-459-5920.

**\*\*Please Respond ASAP\*\***

# **32-HOUR ASSE 6040 NFPA 99 MEDICAL GAS CERTIFICATION COURSE OUTLINE**

## **I. DAY ONE (8 HOURS)**

- A. NFPA 99C AND ASSE 6040 STANDARD INTRODUCTION
- B. TERMINOLOGY AND DEFINITIONS PER ASSE STANDARD 6001
- C. MEDICAL GAS MANIFOLDS AND BULK SYSTEMS

## **II. DAY TWO (8 HOURS)**

- A. MEDICAL AIR SYSTEMS
  - 1. SPECIFIC SYSTEM TYPES
  - 2. SPECIFIC SYSTEM COMPONENTS
  - 3. SPECIFIC SYSTEM TROUBLESHOOTING AND REPAIR
- B. MEDICAL INSTRUMENT AIR SYSTEMS
  - 1. SPECIFIC SYSTEM TYPES
  - 2. SPECIFIC SYSTEM COMPONENTS
  - 3. SPECIFIC SYSTEM TROUBLESHOOTING AND REPAIR
- C. MEDICAL VACUUM SYSTEMS
  - 1. SPECIFIC SYSTEM TYPES
  - 2. SPECIFIC SYSTEM COMPONENTS
  - 3. SPECIFIC SYSTEM TROUBLESHOOTING AND REPAIR

## **III. DAY THREE (8 HOURS)**

- A. MEDICAL GAS AND VACUUM VALVES
  - 1. VALVE LOCATIONS
  - 2. VALVE TYPES
- B. MEDICAL GAS STATION OUTLETS AND MANUFACTURERED ASSEMBLIES
  - 1. OUTLET/INLET COMPONENTS AND REPAIRS
  - 2. OUTLET TYPES
  - 3. MANUFACTURED ASSEMBLY TYPES
- C. MEDICAL GAS ALARMS
  - 1. ALARM TYPES
  - 2. ALARM REPAIRS
  - 3. ALARM WIRING

## **IV. DAY FOUR (8 HOURS)**

- A. LABELING AND IDENTIFICATION REQUIREMENTS
- B. TESTING REQUIREMENTS INCLUDING ANNEX D OF ASSE 6000
- C. SPARE PARTS
- D. FINAL COURSE EXAM

## ***COURSE SYNOPSIS***

The course is taught in a classroom setting and consists of lecture session segments, each of which is accompanied by a course worksheet. The focus of the class is to cover all aspects of medical gas and vacuum source equipment and system troubleshooting, repair, and maintenance. Hazard and safety considerations are covered, as well as periodic testing procedures with sample testing forms.

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, and identification card are mailed to the student's employer. The cost of the course is \$850.00 per student with a minimum of eight students required for a class. 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.

# REGISTRATION FORM

SCHOOL DATE: April 24-27, 2012  
TIME: 8:00am each day  
LOCATION: EMGS, Inc. – 103 Hunter Industrial Drive – Villa Rica, GA 30180

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

FAX NUMBER: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

**NAMES OF PARTICIPANTS:**

- 1. \_\_\_\_\_ 2. \_\_\_\_\_
- 3. \_\_\_\_\_ 4. \_\_\_\_\_

- Tuition is \$850.00 per participant
- Class is tentative until enrollment minimum of 8 students is met
- Please respond with payment and registration.

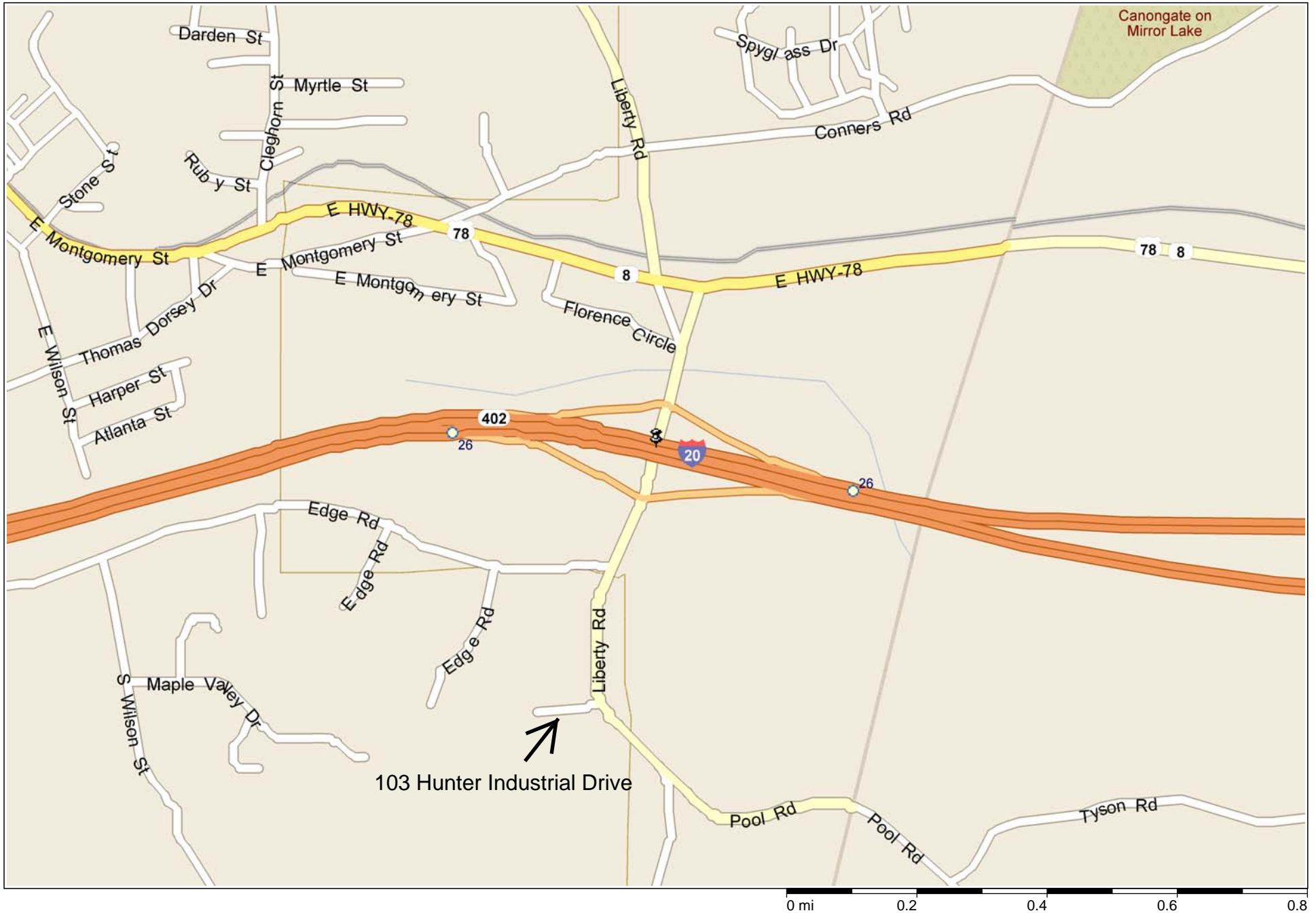
Respond by FAX:  
(770) 459-1812

Respond by PHONE:  
(770) 459-5920

Respond by EMAIL:  
tdarden@emgsi.com

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

# Map to EMGS, Inc.





## Environmental & Medical Gas Services

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Villa Rica, GA 30180

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Fax (770) 459-1812

### VILLA RICA

#### **Comfort Inn**

132 Hwy. 61 Connector  
Villa Rica, GA, US, 30180  
(678) 941-3401  
2.9 miles away

#### **Days Inn**

(770) 459-8888  
195 Highway 61 Connector  
Villa Rica, GA 30180  
2.83 miles away

#### **Super 8**

(770) 459-8000  
128 Highway 61 Connector  
Villa Rica, GA 30180  
2.68 miles away

#### **Best Western**

(770) 459-6669  
124 W Montgomery St.  
Villa Rica, GA 30180  
2.8 miles away

#### **American Inn & Suites**

(770) 459-5793  
615 Edge Rd.  
Villa Rica, GA 30180  
0.37 miles away

### DOUGLASVILLE

#### **Holiday Inn Express**

770-949-5730  
5479 Westmoreland Plaza  
Douglasville, GA 30134  
8.48 miles away

#### **Hampton Inn**

6371 Douglas Boulevard  
Douglasville, GA 30135  
770-577-2110  
10 miles away



ISO 9001:2008 Certified

# APPLICATION FOR NITC

## Medical Gas Systems Maintenance Personnel Certification Examination

### Application Information

#### Important note to examination candidates:

A [Candidate Information Bulletin](#) has been developed to help ensure your success. Since the information contained in each section of the Bulletin will answer many of the questions you might have, it is required reading prior to proceeding with this application. Download a copy from NITC's web site or call NITC to request a copy.

**TO QUALIFY FOR THIS EXAMINATION** all candidates must meet the requirements of the ASSE Series 6000, Professional Qualifications, Section 40-3.2, Certification of Medical Gas Medical Gas Systems Maintenance Personnel, to include the following:

1. Successful completion of a minimum 32-hour training course conducted by an Instructor certified to ASSE 6050, and
2. Successful completion of a written and a practical examination covering all facets of the ASSE Standard 6040, and
3. A minimum of one year of documented practical experience in the maintenance of medical gas systems.

**THE EXAMINATION 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 is also accepted. The method of payment must be attached at the time of submission. Or contact NITC to provide credit card payment information by phone at (877) 457-6482. **Note:** *In some cases payment is provided by the training agency or employer.*

**For re-testing, or those who cannot attend the examination with their instructor**, the multiple-choice examination is available computer-based at ACT centers. Visit [www.nationalitc.com](http://www.nationalitc.com) or [www.act.org/actcenters/locate/](http://www.act.org/actcenters/locate/) to locate an ACT center.

Exams given at ACT centers require that an email address be provided. You will receive an e-mail confirmation with your login information to schedule the exam date and time. Rescheduling for ACT examinations must be made at least 48 hours prior to the assigned time or date or a rescheduling fee will be assessed. **Note:** *Application will not be processed until payment has been received.*

See the [Candidate Information Bulletin](#) for additional information.

#### Important Note to all Industry Stakeholders:

*If you are a stakeholder who employs individuals in any arena in which NITC provides certifications, NITC would like to ask you to complete a very brief survey. This can allow you to anonymously share your industry knowledge, concerns, and/or kudos. Please [click here](#) to choose your area of interest.*

**Keep this page for your records. Return Page 2 to NITC via fax (213) 351-7632, e-mail to [janel@nationalitc.com](mailto:janel@nationalitc.com), or mail to the address shown below. For more information call (877) 457-6482.**



ISO 9001:2008 Certified

# INSPECTION • TESTING • CERTIFICATION

## Medical Gas Systems Maintenance Personnel Certification Examination

### Application Documentation

- I will be taking this exam at the instruction site upon completion of my course.
- I will be taking this exam at an ACT center. (Provide method of payment below).
- REQUIRED:** (*Note: Acceptable documentation must be attached and will be verified.*)
- I have a minimum of one year of documented practical experience in the maintenance of medical gas systems.
- I will have completed the required 32-hour training course prior to my test date. (Course instruction must be conducted by a Medical Gas Systems Instructor certified to ASSE 6050. See section 40-3.2.4.)
- I have read the [Candidate Information Bulletin for Medical Gas Systems Maintenance Personnel Certification Examination](#).

First name	Last name	<div style="border: 1px solid black; padding: 2px;">(Select State)</div>	SS# (last six)
Street Address	City	State	Zip
Email address	Home phone	Work phone	Cell/other phone
Training course location	Training course date	Name of instructor	
Local Number (If applicable)			

List your present or most recent employer first. Attach any additional documentation.

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: \_\_\_\_\_

#### **Method of Payment**

**(\*\*Required Fields for credit card payments\*\*)**

\*Total Amount Enclosed: \$ \_\_\_\_\_ Check  Money Order  Visa  Master Card  AMEX

\*Credit Card No: \_\_\_\_\_ \*Expiration Date: \_\_\_\_\_

\* CVV2: \_\_\_\_\_ *Last three or four digits on back of Visa and Master Card, Amex CVV2 on front of card.*

\*Credit Card "Billing Address": \_\_\_\_\_ \*Credit Card "Billing Address" Zip Code: \_\_\_\_\_

\*Name on Card: \_\_\_\_\_ \*Signature: \_\_\_\_\_

***As it appear on card (Please Print)***

***Signature as shown on credit card***

