

Medical Gas Systems Installer School
Become ASSE 6010 Qualified and meet NFPA 99, 2018 Requirements

APEX Medical Gas Systems
8313 Glade Ave
Oklahoma City, OK 73132

2019 Schedule

February 19-22, 2019
June 18-21, 2019
October 8-11, 2019

This course is a 32-hour class in accordance with requirements of ASSE Series 6010 and NFPA 99. The cost is **\$1050.00** per person.

Classes begin on Tuesday at 8:00 a.m. and conclude on Friday at 2:00 p.m. Please plan your travel accordingly.

Classes will be held at the **Clarence Page Building on Wiley Post Airport,
5810 Tulakes Ave, Oklahoma City, OK 73132**

Update Class Schedule (ONLY HELD TWICE PER YEAR)

March 5-6, 2019
September 17-18, 2019

This 2-day update class is to renew 2015 edition ASSE 6010 credentials obtained from Airgas Medical Services to the NFPA 99, 2018 edition. The 6010 students in this class will take a brazing exam. The cost is **\$525.00** per person. Update classes begin on Tuesday at 8:00 a.m. and conclude on Wednesday at 5:00 pm. Please plan your travel accordingly.

Classes will be held at the **Clarence Page Building on Wiley Post Airport,
5810 Tulakes Ave, Oklahoma City, OK 73132**

The following materials are provided for you and included in the tuition as applicable:

- **NFPA 99**
- All materials and equipment needed for brazing portion and all handouts.
- **ASSE Series 6000 Standards** (Not included in the update class.)
- **APEX Student Notebook** (Not included in the update class.)

Payment is due at the time of registration.

ALL CERTIFICATES AND BRAZING CARDS WILL BE HELD UNTIL PAYMENT IS RECEIVED.

Disclaimer: Individuals are responsible for determining if Apex Medical Gas Systems is an accepted education provider for this credential in your local jurisdiction.

NFPA 99, 2018:

5.1.10.11.10 Qualification of Installers.

5.1.10.11.10.2 Installers of medical gas and vacuum piped distribution systems, all appurtenant piping supporting pump and compressor source systems, and appurtenant piping supporting source gas manifold systems not including permanently installed bulk source systems, shall be certified in accordance with ASSE 6010, *Professional Qualification Standard for Medical Gas Systems Installers*.

**APEX Medical Gas Systems
Medical Gas Systems Installer's Course
Syllabus**

Installers course is a 32-hour class that is designed for individuals who are engaged in installing, estimating, or design of Medical Gas and Vacuum systems in healthcare facilities. The class is taught by **Corky Bishop, P.E.** and **Tony Stewart**. We have taught and qualified installers since 1994.

The course includes instruction on preparation of materials, equipment and material specifications, component configuration, brazing qualification in accordance with NFPA, AWS and ASSE requirements, installer testing and final testing of the completed system as well as safety issues. Joining methods for the new CMT (corrugated medical tubing) are not covered.

Instruction is given on source equipment and reserve supply, liquid and gas manifolds, Medical, Dental and Instrument air compressors, Medical/Surgical Vacuum, Waste Anesthetic Gas Disposal systems, Dental Vacuum systems, requirements for flowrates, pressures and system performance. Purity of gases, cross connection testing and gas specific connections along with verification requirements are also presented.

Students are required to perform **brazing on 1-½ inch copper pipe** to demonstrate their ability to successfully braze vertical up/vertical down and horizontal joints. Destructive brazed coupon tests are performed in accordance with AWS B2.2 requirements to verify the brazer's ability.

Documents for Brazing Procedure Specification and Record of Brazer Performance are created. Following successful completion of brazed coupons and a **written examination**, the student will receive a Certificate of Successful Completion of a specialized course in MG/V Systems and a serialized ASSE 6010 Installer identification card. Non-brazers receive an ASSE 6005 certificate of course completion. **Installer's qualifications from APEX Medical Gas Systems expire three (3) years from date of issue.**

Course Materials:

- NFPA 99, Health Care Facilities Code
- ASSE 6000, Professional Qualifications Standard for Medical Gas Systems Personnel
- APEX Medical Gas Systems medical gas/vacuum systems notebook which includes course outline, diagrams, specifications, product cut-sheets, installer's documentation forms, valve chart, etc.

Installer's Update Class

The update course is a 2-day class covering the changes in the new NFPA 99. There is also a review of systems and components. There will be a **written exam** and installers will take a **brazing test**. Course materials include the new NFPA 99 Health Care Facilities Code.

Installers must have a 2015 edition ASSE 6010 card from AMS to be eligible for the 2018 update class. You must submit copies of your 6-month brazing continuity letters and your brazing card with your update registration.

**These classes can be brought to your location.
Call 405-728-1272 for details and a price quote.**

ASSE 6010 Medical Gas Installer class

To enroll please fill out the registration form below and **fax to 405-728-1301, Attn: Sue** or **scan and e-mail to sue@apexmedicalgas.com**.

Those enrolling for the update class must also include a copy of your **ASSE 6010 photo ID card** and all of your **6-month brazing continuity letters**.

Date of Class: _____ Cost: _____

Company name: _____

Name: _____

Title: _____

Work address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

E-mail to be used for receipt of invoice: _____

If paying by credit card you will be sent an invoice via email.

If paying by check, mail to: Apex Medical Gas Systems, PO Box 23807, Oklahoma City, OK 73123

Payment form: Credit Card _____, Check _____, Purchase Order # _____

- **Cash is not an accepted form of payment.**
- **Payment is due in full at the time of registration.**

Cancelations made less than two (2) weeks prior to the class date will incur a \$50.00 processing charge.

Directions to **Clarence Page Building** on Wiley Post Airport for classes:

From NW 55th and N Rockwell Ave, turn west on Philip J Rhoads Ave, turn right on Tulakes Ave. It is a one story brick building on the right.

Location of **APEX Medical Gas Systems** for the brazing workshop:

Our office is located at **8313 Glade Ave** in northwest Oklahoma City, OK. It is located 2 blocks south of Reynolds Ford on Northwest Expressway.

Our phone number is **(405) 728-1272** or toll free **(844) 405-2739**.

Nearby Hotels:

Fairfield Inn & Suites

5700 NW Expressway
Oklahoma City, OK 73132
405 470-8484

Holiday Inn Express

2811 Northwest Expressway
Oklahoma City, OK 73112
405 848-1500

Hampton Inn

3022 NW Expressway
Oklahoma City, OK 73112
405 947-0953

**THIS FORM IS ALSO REQUIRED FOR INDIVIDUALS
WHO WILL BE INSTALLING MEDICAL GAS SYSTEMS.**

**Application for
Medical Gas and Vacuum Piping System
Installers Course**

Date: _____

Student Name: _____

Employer: _____

Phone: _____

E-Mail: _____

In order to receive brazing qualifications, please sign below as proof of your four years practical experience in installation of plumbing or mechanical piping systems.

I, _____, do solemnly swear or affirm that I meet the prerequisite of ASSE Standard 6010, which requires a minimum of four (4) years of documented practical experience in plumbing or mechanical systems piping. I further realize that falsification of statements that I meet this prerequisite will be cause for disqualification of certification.

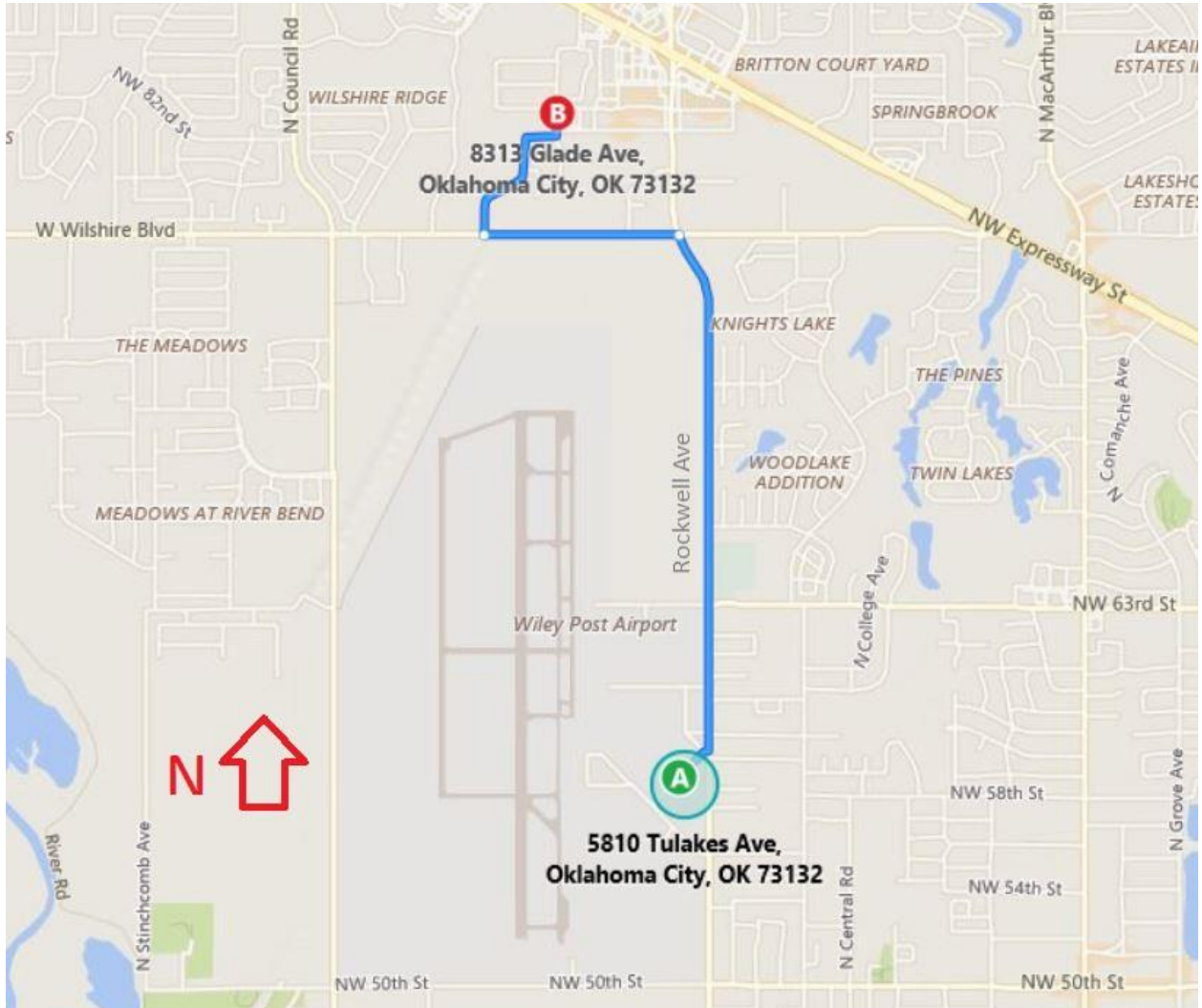
Installer's qualifications from APEX Medical Gas Systems expire three (3) years from date of issue. Brazing continuity letters must be witnessed and kept as proof of continued use of your brazing procedure. Renewal requires a 2-day update course on the new edition of NFPA 99.

Signature of Applicant: _____

Those enrolling for the update class must also include a copy of your **ASSE 6010 photo ID card** and all of your **6-month brazing continuity letters**.

Fax to 405 728-1301, Attention: Sue Pittard or scan and e-mail to **sue@apexmedicalgas.com**

Directions from the **Clarence Page Building**
to **Apex Medical Gas Systems**
for the brazing workshop
405 728-1272



Park at the shopping center across the street
from our mailbox to the east.