

Environmental & Medical Gas Services

103 Hunter Industrial Dr. FAX: 770-459-1812
Villa Rica, GA 30180 PHONE: 770-459-5920

COURSE DATE: **January 13-16, 2026**
COURSE LOCATION: **EMGS in-person/ Zoom virtual**
REGISTRATION DEADLINE: **December 29, 2025**
COURSE LANGUAGE: **English**

ASSE 6040 MEDICAL GAS SYSTEMS

MAINTENANCE PERSONNEL COURSE SYNOPSIS

DAY ONE

- A. ASSE 6040/NFPA 99 Introduction
- B. NFPA 99 Definitions Chapter 3
- C. NFPA 99 Fundamentals Chapter 4
- D. NFPA 99 Central Supply/Source Systems Requirements

DAY THREE

- A. Station Outlets/Inlets
- B. Manufactured Assemblies
- C. Alarm/Warning Systems
- D. Medical Gas System Testing
- E. Medical Gas System Labeling and Verification

DAY TWO

- A. Medical Air Supply/Source Systems
- B. Medical Air Supply/Source Proportioning Systems
- C. Medical Surgical Vacuum Supply/Source Systems
- D. Waste Anesthetic Gas Disposal (WAGD) Supply/Source Systems
- E. Instrument Air Supply/Source Systems
- F. Gas and Vacuum Shutoff Valves

DAY FOUR

- A. Maintenance of Medical Gas, Vacuum, WAGD, and Medical Support Gas Systems
- B. Category 2 and Category 3 Systems
- C. Gas Equipment Storage, Operations and Maintenance
- D. ASSE 6040 Professional Qualification Standard, Annex D and Annex J
- E. Test

If you have to cancel your course attendance after payment has been processed, you will have a credit towards a future course for one year. It is the responsibility of the student to sign up for another upcoming course within that year.

ASSE 6040 MEDICAL GAS SYSTEMS

MAINTENANCE PERSONNEL COURSE SYNOPSIS

The course begins with an introduction to the 2024 NFPA 99 Code and ASSE Series 6000 Standard. Chapters 1, 3, 4, 5 and 9 from the NFPA 99 are covered, along with the ASSE 6040 "Medical Gas Systems Maintenance Personnel" Standard from the ASSE Series 6000, with Annex D and J.

Each student will receive complete copies of both documents.

Each student will have access to online source equipment operating technologies, schematic diagrams, operating and maintenance instructions for medical gas systems and question worksheets.

A minimum test score of 70% is required to pass the written exam. The exam consists of 100 questions and is an open book test. Upon successful completion of the course, a certificate and picture ID card are mailed to the student's employer.

The cost of the course is \$950 per student, with a minimum of (8) students required for a class. Class will start at 8:00 AM and last until approximately 5:00 PM each day, with the exception of the final (test) day, as some students may finish earlier than others.

Please note: This course requires nightly homework. If you or your registered employee is required to attend class as well as perform job duties in the evenings, they are not likely to pass this test.

EMGS courses are taught by a credentialed ASSE 6050 instructor with over 20 years of experience in the medical gas industry.



ASSE 6040

Exam Application

COURSE DATE: January 13-16, 2026

TIME: 8:00 AM Eastern Time

LOCATION: EMGS or Zoom

REGISTRATION DEADLINE: December 29, 2025

Return application to jdarden@emgsi.com

APPLICANT'S NAME: _____

ADDRESS: _____

CITY: _____

STATE: _____ ZIP: _____

APPLICANT EMAIL: _____

COMPANY: _____

PHONE NUMBER: _____

CONTACT PERSON: _____

EMAIL: _____

Paragraph 40-3.2.1 of the 2021 Edition of the ASSE 6040 Standard states "The candidates for the ASSE 6040 certification shall be employed or contracted by a health care facility or be actively engaged in working with medical gas systems, and shall have one (1) year minimum experience in the maintenance of the medical gas and vacuum systems." Please list the documented experience for the applicant below.

Employer, City & Phone Number

Dates

☐ I have read the Information Sheet for MGA Exams and agree to abide by the rules listed.

☐ I have or will have completed the 24-hour course required to fulfill this certification.

Please note: In order to keep this license valid, a short course and test must be completed every 3-years when a new NFPA 99 edition is released. This course and test will cover changes made from the previous edition. It is the license holders responsibility to check their expiration date and schedule testing, although MGA will send an email to currently licensed individuals at least once when a new NFPA 99 edition is released.

SIGNATURE OF APPLICANT: _____

DATE: _____

Medical Gas Licensing

FAX: 678-498-2749

PHONE: 770-783-3630

WEBSITE: www.medgaslicense.com

MAIL: PO Box 820
Villa Rica, GA 30180



MEDICAL GAS
ACCREDITATION