

Environmental & Medical Gas Services

103 Hunter Industrial Dr.
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COURSE DATE: **February 28 - March 3, 2022**

COURSE LOCATION: **8:00 AM**

REGISTRATION DEADLINE: **February 7, 2022**

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

ASSE 6040 MEDICAL GAS SYSTEMS

MAINTENANCE PERSONNEL COURSE SYNOPSIS

The course begins with an introduction to the 2021 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.

