



ISO 9001:2008 Certified

## ***CANDIDATE INFORMATION BULLETIN for CERTIFICATION EXAMINATIONS***

### ✓ **Medical Gas Maintenance**



## II. MEDICAL GAS MAINTENANCE

### SCOPE OF WORK: MEDICAL GAS MAINTENANCE

A Medical Gas Systems Maintenance Personnel certification candidate is a qualified individual who can demonstrate competence within their scope and will be proficient in and experienced in the maintenance of medical gas and vacuum systems covered by the ASSE Series 6000 Standard. A qualified Medical Gas Maintenance worker may perform such maintenance tasks alone, or through the supervision of other individuals.

In addition to knowledge of product maintenance, a Medical Gas Maintenance worker is required to have a general knowledge of the applicable laws, codes, rules, listing agencies, and regulations from the federal, state, and local levels pertaining to medical gas and vacuum systems as well as knowledge of product performance, system and system component testing, documenting and recording, and medical gas terminology.

Medical gas systems and equipment covered in the ASSE Series 6000 Standard include health care facilities within the scope of NFPA 99, Health Care Facilities Code. Medical gas piping systems include vacuum piping.

### EXAMINATION QUALIFICATION REQUIREMENTS

The candidate shall meet all the requirements of ASSE Standard 6040, Section 40-3.2. These include being employed or contracted by a health care facility, or actively engaged in working with medical gas systems, and having a minimum of one (1) year of documented practical experience in the maintenance of medical gas systems.

Certification shall also include the successful completion of a minimum 32-hour training course covering all facets of ASSE Standard 6040 and applicable sections of NFPA 99. Course shall be conducted by a Medical Gas Systems Instructor certified to ASSE 6050, and shall include a written and a practical examination.

This certification is administered in accordance with the American Society of Sanitary Engineers (ASSE) Series 6000. Copies of this standard may be obtained by contacting ASSE at (708) 995-3019, or at [www.asse-plumbing.org](http://www.asse-plumbing.org).

### ABOUT THE EXAMINATION

The medical gas maintenance personnel certification examination consists of a proctored, closed book, multiple-choice examination containing one hundred (100) test items. The instructor will also present “practical experience” during the course. A topical outline of the multiple-choice examination content is shown below.

**Examination Name:** Medical Gas Systems Maintenance Personnel Certification Examination

**Official Examination References:**

1. ASSE Standard Series 6000
2. NFPA 99, Health Care Facilities Code, 2012 Edition

**Description:** Closed book exam consisting of 100 multiple-choice questions

**Passing grade:** 75% (75 correct)

**Total time allowed:** one and one half (1 ½ hours)

Percent of Exam	TOPIC
36%	01. MEDICAL GAS and VACUUM SOURCE SYSTEMS/EQUIPMENT
24%	02. MEDICAL GAS STATION OUTLETS/INLETS
5%	03. ALARM SYSTEMS
9%	04. GENERAL KNOWLEDGE REQUIREMENTS
19%	05. PERFORMANCE and RECORDKEEPING
7%	06. CYLINDER SAFETY

An NITC-approved proctor administers this examination. Candidates are notified of a pass or fail result in writing by NITC, the training agency, or by the association that requested the examination.

Candidates failing to achieve a passing score will be eligible for re-examination as soon as the next examination is scheduled. Candidates may re-take their examination at the NITC offices or at a PSI testing center. Re-examination fees are listed in Section I: [GENERAL INFORMATION](#).

**RECERTIFICATION OF THIS CREDENTIAL**

This certification is valid for three (3) years from issuance.

Recertification of this certification can be accomplished by successfully passing a multiple-choice open book examination within thirty days of the expiration date of certification. This examination contains forty questions which are based on the most current editions of the NFPA 99 and ASSE Series 6000 Standards/Codes.

Certified individuals, who have not renewed their certification within thirty days after the expiration date, must take the proctored one hundred question multiple-choice examination.

**Important note about recertification:**

*This certification is valid for three (3) years from issuance.*

*Certification holders are responsible for keeping their certification current. NITC must be notified of any change in address. Changes may be made online, by telephone, or by mail.*

Additional information is contained in this Candidate Bulletin in [Section IV. "RECERTIFYING YOUR NITC MEDICAL GAS CERTIFICATION."](#)