



INSPECTION • TESTING • CERTIFICATION

ISO 9001:2008 Certified

CANDIDATE BULLETIN

Bulk Medical Gas Systems Installers Certification Examination

ABOUT NITC

The National Inspection, Testing and Certification Corporation (NITC) is an internationally recognized third party personnel certification agency. NITC is ISO 9001:2008 certified and is an ANSI accredited Certifier - Accreditation Number 0645 in the following scope: Firesprinkler Fitter Mastery Certification, HVAC Mastery Certification, Journeyman Pipefitting/Steamfitting, Journeyman Plumber, Medical Gas Inspector, Medical Gas Installer, Medical Gas Instructor and Medical Gas Verifier. NITC is non-discriminatory in accepting applications and issuing certifications to candidates in regards to membership in any trade, association, union, etc., and is in compliance with Federal and State ADA regulations.

QUALIFICATION REQUIREMENTS

Certification to this standard shall be through a method approved by the firm's Quality Control Unit (QCU). Candidates must have completed thirty-two (32) hours of training including a written and a practical examination covering the firm's SOP's as they relate to bulk installations for medical gases, the FDA's CGMP's, CGA M-1, applicable sections of the ASSE Standard 6000, NFPA 99, and NFPA 55. The candidate shall have documented practical experience in the installation of bulk systems in accordance with the firm's SOP's. This certification is administered in accordance with the American Society of Sanitary Engineers (ASSE) Series 6000 Standard 6015. You can obtain a copy of this standard by contacting ASSE at (440) 835-3040, or at asse-plumbing.org.

FEES FOR EXAMINATION

The fee for the Bulk Systems Installers examination is one hundred-eight dollars (\$108.00). The fee for retesting is also one hundred-eight dollars (\$108.00).

APPLICATION PROCEDURES

All candidates must complete an application and return it (with applicable fees) to the NITC office. In addition to the information requested on the application that verifies a candidate's eligibility, the application contains a code of conduct that certified persons must abide by and the regulations upon which this certificate may be suspended or withdrawn. Applications can be obtained from the NITC office or from the NITC web page at nationalitc.com.

EXAMINATION SCHEDULING

Examinations are scheduled and administered at specific times, dates and locations by NITC, or as specifically required by clients. Please contact NITC for more information about examination scheduling.

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The bulk medical gas systems installer certification examination consists of a proctored, closed book one hundred (100) multiple-choice or true/false type questions written examination.

Candidates must answer seventy five percent (75%) of the questions correctly on the written portion to achieve a passing grade.

The written portion is based on information contained in the following:

- ◇ NFPA 99, 55 and 418.
- ◇ ASSE Series 6000 Standard.
- ◇ ANSI A 13.1.
- ◇ ASME Boiler and Pressure Vessel Code sections VIII and IX, B16.22 & B31.
- ◇ ASTM Standards.
- ◇ AWS Standards.
- ◇ AIA Guidelines.
- ◇ CGA Standards-M-1, C-7, C-9, E-10, G-4, G-4.1, G-8.1, P-2, V-1, V-5 & P-18.
- ◇ Uniform Fire Code.
- ◇ OSHA – 29CFR, 1910.104, 146, 147 & subpart Q.
- ◇ DOT – 49 CFR, 173, 177.
- ◇ FDA – 21 CFR, 210, 211.

The instructor will also present “practical experience” during the course.

An NITC approved proctor administers the written 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 take the re-examination as soon as the next examination is scheduled. Candidates may take the re-examination at either of the NITC offices. The cost of the re-examination is of one hundred-eight dollars (\$108.00).

Examination scores will be divulged in writing only to the examinee, or to the appropriate source. **NOTE: No PDA’s, cellular telephones, wrist watches, or any other types of devices that record data are allowed to be used during the examination.**

QUESTION CHALLENGE PROCEDURE

Any candidate may challenge, at the conclusion of the examination, any question(s) by completing the question challenge form that is provided in the proctor's examination package. Candidates must request the question challenge form from the proctor.

APPEALS PROCEDURE

Candidates may appeal the score of an examination. Appeals shall be filed in writing to the NITC office via U.S. Mail, facsimile, or E-mail no later than thirty (30) days from the date candidate receives the score. Appellants will be notified in writing of the decision by the certification committee. The complete NITC appeals procedure can be found in the NITC Rules and Procedures Document.

RENEWAL OF CERTIFICATION

Keeping this certification current and notifying NITC of changes in address, is the responsibility of the certified person. Renewal should be through training and testing anytime there is a change in the firm's SOP's, subsequent editions of CGA M-1 and NFPA 99; and by successfully passing a forty (40) question, multiple choice "open book" written examination.

The written renewal is based on the most current edition of the NFPA 99, NFPA 99C NFPA 55 and ASSE Series 6000 Standard 6015. This can be mailed to certified individuals or administered by a training agency, employer or association. Certified individuals, who have not renewed their written certification with thirty (30) days after the expiration date, must take the proctored one hundred (100) questions written examination. More information about re-certifying can be found on the NITC web page at www.nationalitc.com or by contacting the NITC offices.

Failure to pass the "open book" renewal examination and the "closed book" proctored examination may result in NITC requiring the candidate to take a "refresher course" or other type of training before re-applying for another examination.

ISSUANCE OF WALL CERTIFICATES AND CERTIFICATION CARDS

Upon successful completion of the NITC Medical Gas Installer Certification examination, an official letter from NITC will be issued.

NOTE: IN SOME CASES A WALL CERIFICATE AND WALLET CARD ARE ISSUED BY NITC, AND IN SOME CASES THEY ARE ISSUED BY A CITY, COUNTY, STATE, INDUSTRY ASSOCIATION, OR UNION.

A fifteen dollar (\$15.00) fee will be assessed for requesting a duplicate of either the wall certificate or wallet-sized photo.

HOW TO OBTAIN THE NITC RULES AND PROCEDURES DOCUMENT.

The UA STAR HVACR Mastery Certification is governed by the Rules and Procedures document. Copies of the rules and procedures are available on the NITC website at www.nationalitc.com and also upon request from NITC Headquarters.

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