

**MEDICAL GAS PIPING INSTALLATION ENDORSEMENT EXAMINATION**  
**IMPORTANT INFORMATION**

**Minimum requirements for Medical Gas Piping Installation Endorsement examination:**

- Must be currently licensed as a Journeyman or Master Plumber in Texas
- Must have successfully completed a Board-approved training program in Medical Gas Piping Installation.
- Must submit Medical Gas Piping Installation Endorsement Examination application and appropriate fee (\$80/Master or \$27 Journeyman).

**Board approved training programs for the Medical Gas Piping Installation Endorsement Examination are provided by:**

- Association for the Advancement of Codes, Education and Standards (A-ACES) 877-612-2237
- Associated Plumbing Heating and Cooling Contractors of Texas (APHCCT) 800-831-9313
- McNair, James Rick 800-639-9196
- McNair, William (Trent) 866-786-4961
- Texas Pipe Trades 800-891-8900
- Texas Plumbing and Mechanical Contractors Association (PAMCA) 866-726-2233
- Winn, Curtis W. 877-563-2284

**General Examination Data:**

The examination is a written and mechanical test designed to determine the examinee's skill and knowledge of the installation and design of Medical Gas and Vacuum Piping Systems. The Master and Journeyman Medical Gas Installation Endorsement written examination will consist of questions from The National Fire Protection Association (N.F.P.A\*) 99C Gas And Vacuum System, Current Edition. These questions may be one or all of the following: multiple choice, fill-in the blank, true/false. The applicant's ability to braze copper joints also will be tested. The brazing procedure will follow section IX of The American Society of Mechanical Engineers (A.S.M.E.\*\* ) Qualification Standard for Welding and Brazing Procedures, Welders, Brazers, and Welding and Brazing Operators. Each Master and Journeyman examinee will have to braze two (2) one-and-one-half inch (1½") vertical upflow joints and two (2) one-one-half inch (1½") horizontal flow joints. For specific procedure information, you may contact \*(N.F.P.A.) at (800) 344-3555, or \*\*(A.S.M.E.) -- (800) 843-2763.

**Brazing portion of the examination:** On the day of the examination, an applicant's brazing will be graded and he/she will be notified whether a passing grade was achieved on vertical and horizontal joints. If the applicant fails one of the four joints he or she will have one opportunity to immediately re-take the brazing portion of the examination, upon immediate payment of a new fee.

**Written portion of the examination:** On the day of the examination, an applicant's written examination will be graded and he/she will be notified whether a passing grade was achieved. Immediate re-examination is NOT allowed for the written portion of the examination. In cases of written examination failure, the Board shall require the following before the applicant retakes a regularly scheduled examination: (1) First failure: a 30-day training period. (2) Second failure: a 60-day training period; and (3) third and subsequent failures: a 90-day training period.

**Identification:**

Photographic identification, such as a driver's license or state issued identification, will be required from the applicant on the day of the examination before an examination may be given to the applicant.

**Americans with Disabilities Act:** The TSBPE offers reasonable accommodations for persons taking the examination, as required by the Americans With Disabilities Act. If you require special accommodations, please make such request in writing and submit with your application for examination.

**Equal Opportunity Statement:** The Texas State Board of Plumbing Examiners does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.

