

What is PTCS Master Technician Certification?

The Master Technician Certification path was developed by Regional Technical Forum (RTF) in January 08, with the purpose of allowing experienced, PTCS-certified technicians and utility staff to train other technicians in their area and prepare them to challenge the PTCS tests and thus acquire certification. This certification is available to those individuals who have proven their competency in the field, have shown that they have a concrete understanding of PTCS, and whose work and reputation is above reproach.

Benefits:

The PTCS Master Technician credential gives you the authority to train other technicians in the PTCS program, its rules, regulations, and expectations. Once the necessary training requirements have been met and you determine that the technician under your tutelage has acquired enough knowledge and understanding of PTCS, you may request the provider to allow the technician to take the certification test. The provider will then review the application including the training requirements checklist, and will provide the trainee with the certification test.

Requirements:

In order to be considered for the Master Technician Certification, you must meet the criteria established by the RTF in the PTCS Service Provider Standards (Jan 8, 2008), as follows:

Master Technician – Heat Pump

- 2 Years minimum full-time experience testing heat pump auxiliary heat controls, indoor coil airflow, and refrigerant charge.
- Be a PTCS Certified Heat Pump technician having also tested, signed, and submitted PTCS jobs.
- Commission a minimum of 30 jobs (15 new and 15 retrofit).
- Passed a minimum of 6 QA inspections (3 new, 3 retro).
- Achieve a minimum of 90% on the PTCS Master Technician Heat Pump Test.
- Complete a review by the PTCS provider.

Master Technician – Duct Seal Level 1 / New Construction

- Work as an installation and duct sealing assistant in new construction, observing and assisting in duct sealing, insulation and testing procedures.
- Be a PTCS Certified New Construction Duct Sealing technician having also tested, signed and submitted PTCS jobs.
- Certify at least 15 new construction duct jobs.
- Passed a minimum of 3 QA inspections.
- Achieve a minimum of 90% on the PTCS Duct Seal Master Technician Level 1 Test.
- Complete a review by the PTCS provider.

Master Technician – Duct Seal Level 2 / Retrofit

- Work as an installation and duct sealing assistant in new and existing construction, observing and assisting in duct sealing, insulation and testing procedures.
- Be a PTCS Certified New Construction and Retrofit Duct Sealing technician having also tested, signed and submitted PTCS jobs.
- Certify at least 15 new construction and 15 retrofit duct jobs.
- Passed a minimum of 6 QA inspections (3 New, 3 Retrofit).
- Achieve a minimum of 90% on the PTCS Duct Seal Level 2 Test.
- Complete a review by the PTCS provider.

Utility Staff / Technical Staff

Utility program staff and other technical staff may apply to become a Master Technician by following the path established by RTF. The requirements differ in the following ways:

- Heat Pump Master Tech
 - Co-Commission at least 30 systems OR attend 2 day training class.
 - Score at least a 90% on the PTCS Master Technician Heat Pump Test.
- Master Technician Duct Seal Level 1
 - Co-Test at least 15 new construction PTCS duct seal jobs.
 - Score at least a 90% on the PTCS Duct Seal Master Technician Level 1 Test.
- Master Technician Duct Seal Level 2
 - Co-Test at least 30 PTCS duct seal jobs (15 new, 15 retrofit)
 - Score at least a 90% on the PTCS Duct Seal Master Technician Level 2 Test.

Responsibilities

It is your responsibility as a Certified Master Technician to carefully choose who you will train and request that they take the certification test. Their performance and quality of work will directly affect your Master Technician Certification and, possibly, your PTCS certification.

Master Technician Certification can be revoked if:

- You fail to maintain your PTCS certification in good standing.
- Technicians you train consistently fail the certification tests.
- Technicians you train consistently fail QA inspections on their work.
- Problems found during a QA inspection of a job performed by a technician you trained are not addressed in a timely manner.
- Willful, egregious, or intentional omissions, errors or misrepresentations are found in the PTCS Certification records.

How it Works

Once you have received your Master Technician Certification, you may begin training technicians and preparing them to challenge the PTCS Certification test. In order for the technician to challenge the test, documentation of certain training requirements must be presented at the time of the request. These requirements are as follows:

- Heat Pump Certification
 - Proof of technician's participation in the commissioning of at least 10 PTCS jobs.
 - A completed Master Technician Heat Pump Training Checklist.
- Duct Seal Certification, Level 1
 - Proof of technician's participation in the installation, sealing, and testing of at least 5 new PTCS homes.
 - A completed Master Technician Duct Seal Level 1 Checklist
- Duct Seal Certification, Level 2
 - Proof of technician's participation in the installation, sealing, and testing of at least 6 PTCS jobs (3 new, 3 retrofit).
 - A completed Master Technician Duct Seal Level 2 Checklist.

In all three cases the technician has to score at least a 70% on the online test in order to be PTCS Certified.

Resources

Standards, specifications, and additional information can be found at:

- www.ptcsnw.com
- http://www.ptcsnw.com/downloads/PTCSASHPspecs_FY07_v4_8.pdf
- http://www.ptcsnw.com/downloads/PTCSDuctspec_FY07v1_1.pdf