Candidate Information

Mechanical Acceptance Test Technician Certification
California Title 24

Summary

NITC's Mechanical Acceptance Test Technician Certification is based on the California Code of Regulations 2022, Title 24, Part 1, Sections 10-102-103-B and Part 6, Section 120.5. Title 24 mandates Acceptance Tests to ensure that the mechanical equipment that was specified is installed and operating as intended. Acceptance Tests can only be performed by Acceptance Test Technicians (ATT) who are building specialists <u>trained and certified</u> by an Acceptance Test Technician Certification Provider (ATTCP). They are hired by Acceptance Test Employers (ATT Employers) to conduct the required test and submit the results and certificates to enforcement agencies. Their employers are also required to have specialized training by an ATTCP such as NITC.

A Mechanical Acceptance Test Technician certification candidate is a qualified individual who (1) meets the eligibility requirements, (2) can demonstrate competence within their scope, and (3) will be experienced in the inspection procedures and functional performance test procedures that serve to determine whether specific building mechanical systems conform to the criteria set forth in the **California Building Energy Efficiency Standards.** Acceptance Test Technicians (ATT) are also referred to as "Field Technicians" in the Standards.

The intention of the National Inspection Testing Certification (NITC) accreditation is to establish that NITC certified technicians are skilled craftsmen proficient in successful completion of the Mechanical Acceptance Tests mandated by the Standards.

Eligibility Requirements*

To be eligible for certification the applicant must be a journey level worker who:
- Has successfully completed a UA apprenticeship program, has passed the STAR HVACR Certification, and completed the following courses:
  - The Mechanical Acceptance Test Technician certification course instructed by an authorized provider under the 2022 California Energy Code of Regulations Title 24 Part 6.
  - GPRO – Green Professional Trades Training: A course designed to teach the principles of sustainability combined with knowledge of high-performance mechanical systems to the people who build, renovate, and maintain buildings.
  - Start, Test & Balance: A course designed to acquire the general knowledge and theory that is needed to properly use testing and measuring instruments in order to apply proper procedures to test, balance, and adjust mechanical systems.

- Energy Auditing Practices: A course designed to increase the skills and knowledge of the technician in order to improve the energy efficiency of any building without sacrificing comfort, health, or safety.

Or

- has completed a UA apprenticeship program, or has at least 8 years of documented experience related to the HVACR industry, including at least three years as a UA journeyperson,
  - has passed the STAR HVACR Certification and
  - has completed/passed the ATTCP prequalification exam.

Proof of eligibility must be submitted at time of application.

Examination Information

Initial Certification is accomplished by:
- completing an application, and
- paying the initial cost for this certification, and
- documenting that the eligibility requirements are met, and
- and passing a proctored "open book" exam consisting of 87 multiple choice questions.

Examination details:
- Examinees are allowed to use the CA Title 24 Building Energy Efficiency Standards, 2022 editions during their test session.
- Examinees must score a minimum of 80% (70 correct) to pass.
- Examinees are allowed up to two hours to take the exam.
- Examinations are available computer based.
- Candidates who fail the initial exam can re-take it after paying the initial exam fee again.

Recertification

NITC shall recertify all Acceptance Test Technicians and Acceptance Test Employers prior to the implementation of each adopted update to the Building Energy Efficiency Standards as these updates affect the acceptance test requirements. Recertification requirements and procedures shall only apply to those specific elements that are new or modified in future updates to Building Energy Efficiency Standards.

This certification is valid for three (3) years from issuance. Recertification of this certification can be accomplished by successfully passing a ten (20) question, non-proctored, multiple choice "open book" examination within thirty days of the expiration date of certification. Candidates must answer eight (16) of the questions (80%) correctly on the exam to achieve a passing grade. One hour is allowed for the examination.

The recertification test can be taken:

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The recertification examination may be taken computer-based. Additional Information on how to register is provided in a recertification letter sent out by NITC approximately three months prior to expiration of the certification.

Important note about recertification:

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

NITC ***strongly suggests*** sitting for the recertification exam within three months of the expiration date. The individual whose certification has expired is not certified during the 1-year grace period. **EXPIRED MEANS EXPIRED**. Failure to recertify within 1-year of the certification expiration date will require the individual to take the original examination.

For fees see the Certification Examination Price List.

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