



EPA 608 Type II - Certification

Class Code: 130124WC

Location: Southern California Edison Energy Education Center
4175 South Laspina St, Tulare, CA 93274
Times: 8:00 am-5:00 pm, 9 hours
Instructional Time: 6 Hours of Instruction
CEUs: .5 continuing education units are offered by CalCERTS after successful completion
Cost: \$300.00 per person (includes EPA exam fee)*

****Prices subject to change without notice.***

*There is an annual \$120.00 subscription fee due if you choose to become a CalCERTS HERS Rater. This fee covers your CalCERTS HERS membership and the administrative duties on our part to maintain your records. Project uploads for compliance verifications, whole-house ratings, and/or Energy Star certifications are subject to additional fees.

You can sign up for this class on-line and pay via credit card at: www.calcerts.com or call 916.985.3400 x301

Target Market for this Course:

This class is intended to provide the education necessary for existing CalCERTS FV/DT Raters to be able to pass the EPA 608 exam so that they can officially verify refrigerant charge on air conditioning units.

Incoming Skills Necessary:

To better prepare candidates for work as HERS Raters, we strongly suggest that those who enter possess some knowledge, skills, and abilities in the California HERS Program, the HVAC industry, and the construction industry. A comprehensive understanding of the diagnostic tests required under the HERS Rater Protocols is also expected to be known and understood.

In the course of your work as a HERS Rater you may also be required to have the following knowledge, skills, and abilities which are not taught in any of our CalCERTS trainings:

- High School diploma or GED
- 10th Grade English & Math minimal (especially fractions, percentages, geometry)
- Computer literacy
- Firm grasp of the English language (most codes and regulations are only in English)
- Ability to lift heavy objects (50 lbs. or more)
- Ability to inspect dark, tight, spaces
- Knowledge of and experience in the construction industry (how homes are constructed)
- Ability to properly measure the inside or outside of a home and find it's volume
- Ability and knowledge to identify and evaluate the fenestration (doors and windows) of a home
- Ability and knowledge to locate and identify HVAC equipment and components
- Ability and knowledge to locate and identify major appliances and lighting devices
- Ability and knowledge to find and collect data off appliance name plates

Learning Objectives:

This 5-6 hour class will consist of a guided study session for the EPA 608 exam, followed by a closed book, on-line certification exam. This certification is required for all FV/DT Raters who wish to perform refrigerant charge verifications. We will NOT be covering the Type I or Type III materials. We will only be covering the Core and the Type II materials. You are free to take whatever parts of the exam you want to, but HERS Raters only need to be Type II certified to perform refrigerant charge verification for Title 24 purposes. We recommended that you familiarize yourself with the study guide prior to this training.

Topics Covered in This Class:

- Leak Detection & Repair
- Refrigeration
- Recovery Requirements
- Recovery Techniques
- Recovery Techniques for Different Systems

Standards of Student Evaluation (for individual certificate issuance):

At the end of this Study Session all participants will take an closed-book online examination based upon material provided in the Guidebook, all the written materials provided to the student, the presentations in class, and the verbal education by the Trainer(s) within the classroom and the lab (if applicable).

CalCERTS Written Exam Policies

These rules are intended to ensure fairness, accuracy, consistency and validity of exam results. Failure to abide by these rules could result in ejection, or other disciplinary action.

1. At the beginning of each exam, the proctor will announce the time allowed for the exam. The time allowed is based on the number of questions on the exam. (i.e. 20 questions = 1 hour)
2. All written exams must be taken on the day of instruction, no exceptions.
3. Students will not be informed which questions they have missed. They will only be informed of their score and whether they passed or failed.
4. Students must *pass* the written Exam before they are able to move on and take any associated *Field House Exam*.
5. Candidates must be prepared to show a valid Photo ID.
6. No cell phones may be used during the exam. Calculators will be provided.
7. Students may leave the room during the exam to use the restroom, but must hand over exam packet to Proctor until their return.
8. Scratch paper will be provided.
9. THERE IS NO TALKING OR COMMUNICATING ALLOWED WITH OTHER STUDENTS DURING THE EXAM. This is a professional level exam. You must demonstrate your knowledge of the subject matter without assistance. You may NOT assist others during the exam.
10. Under no circumstances may exam packets leave the control of the Proctor.

Written Exam Re-test Policies

1. Students will be given one re-test opportunity to pass each written exam (the initial attempt plus one re-test attempt).
2. Students must wait at least 48 hours to re-take any of our exams.
3. There will be a \$50 charge for each re-test attempt.
4. All of the above exam policies apply to the re-tests as well (except item #2 above).
5. Students who do not pass the second attempt of any written exam must retake the entire class (at full price) and pass the written/field exam if they wish to continue their pursuit of becoming a Certified HERS Rater.
6. If a student does not pass a written exam after retaking the course for the 2nd time, they are excluded from performing the tasks for that specific credential.

Materials utilized in this Course:

Candidates will be supplied with a laptop computer. Using your own computer for the EPA 608 Exam is NOT allowed.

For questions about any of our trainings call 916-985-3400 x301 or e-mail training@calcerts.com.