

Universal R-410A

Aligned Program of Study: Mechanical, Electrical, & Plumbing

Description

R-410A has replaced R-22 as the preferred refrigerant for use in residential and commercial air conditioners in the United States. No new EPA certification is necessary for working with R-410A since Section 608 training includes training for all refrigerants including R-410A. EPA Section 608 Type II or Universal certification is required to handle R-410A. However, due to the higher pressure nature of R-410A, many suppliers and manufacturers agree that additional specific R-410A training is a wise choice.

As an additional (safety) certification, students may pursue the Universal R-410A certification. The exam validates a person has the retained knowledge to safely work with R-410A refrigerant and helps reduce liability. The certification was created to address the issues of safe handling of R-410A, a refrigerant with a much higher vapor pressure than R-22 (which has been phased out). Exam content includes information on the R-22 phase-out, refrigeration and air conditioning systems fundamentals, refrigerant chemistry and applications, refrigeration oils and their applications, and safety.

Certification Information

Test Owner

Esco Institute

Post Office Box 521

Mount Prospect, IL 60056

Phone: (800) 726-9696

Fax: (800) 546-3726

Testing Sites/Centers

Tests are taken online or by paper at the school and must be given by a proctor following Esco guidelines.

Registration Procedures

Schools should begin by calling Esco Group to request a proctor application. After selecting a proctor and completing the application, Esco will provide the school with pricing information. The exams may be administered as a paper test or as an online test at the school. The online test is available at a lower cost than the paper test. The online test provides the school with immediate test results.

Preparing to offer the certification

Materials and Resources

Information and practice tests are available online at <https://www.escogroup.org/training/r410a.aspx>.

Vendors with Data Sharing MOU with TDOE

Vendor	Contact Information
Esco Institute	https://www.escogroup.org/