

EPA Section 608 Universal and Universal R-410A

Aligned Program of Study: Mechanical, Electrical, & Plumbing (MEP) Systems

Aligned Course:

- HVAC (6077)

Description

Section 608 of the U.S. Federal Clean Air Act requires all persons who work with regulated refrigerants to be certified. This includes persons involved in maintaining, servicing, repairing, or disposing of appliance that contain regulated refrigerants. The certification demonstrates the individual understands proper refrigerant handling techniques. The EPA Section 608 Universal certification includes Type I, II, and III certifications and is for persons who maintain, service, repair, or dispose of small appliances as well as high and low pressure equipment. Exam content includes charging procedures, the Clean Air ACT/ Montreal Protocol, ozone depletion, refrigeration, dehydration, leak repair requirements, recover-recycle-reclaim, recovery equipment, recovery requirements, recovery techniques, recovery cylinders, safety, substitute refrigerants and oils.

Additionally, 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 is being 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.

Materials and Resources

Practice tests are available online at <http://www.escoinst.com/PracticeExams.aspx>.

Testing Sites

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

Test Owner and Registration

Esco Institute*

Post Office Box 521

Mount Prospect, IL 60056

Phone: (800) 726-9696

Fax: (800) 546-3726

*Other organizations have also been approved by the EPA to administer the exam.

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 information about pricing. 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.

Website	http://www.escoinst.com/training/epa608.aspx
Number of Questions	Unknown
Type of Questions	Multiple choice
Length of Test	Unknown
Passing Score	Unknown
Price	Varies; Contact Esco for pricing.

Website	http://www.escoinst.com/Training/R410A.aspx
Number of Questions	Unknown
Type of Questions	Multiple choice
Length of Test	Unknown
Passing Score	Unknown
Price	Varies; Contact Esco for pricing.