



OREGON AIR CONDITIONING CONTRACTORS ASSOCIATION

ORACCA TRAINING

FEDERAL SECTION 608 REQUIREMENTS FOR THE CLEAN AIR ACT FOR REFRIGERANT HANDLING (CFC'S)

Under Section 608 of the CAA, EPA has established regulations that:

Require service practices that maximize recycling of ozone-depleting compounds (both chlorofluorocarbons [CFCs] and hydrochlorofluorocarbons [HCFCs] and their blends) during the servicing and disposal of air-conditioning and refrigeration equipment.

Set certification requirements for recycling and recovery equipment, technicians, and reclaimers.

Restrict the sale of refrigerant to certified technicians.

Require persons servicing or disposing of air-conditioning and refrigeration equipment to certify to EPA that they have acquired recycling or recovery equipment and are complying with the requirements of the rule.

Require the repair of substantial leaks in air-conditioning and refrigeration equipment with a charge of greater than 50 pounds.

Effective July 1, 1992, Section 608 of the Act prohibits individuals from knowingly venting ozone-depleting compounds (generally CFCs and HCFCs) used as refrigerants into the atmosphere while maintaining, servicing, repairing, or disposing of air-conditioning or refrigeration equipment (appliances).

Since July 13, 1993, technicians have been required to evacuate air-conditioning and refrigeration equipment to established vacuum levels when opening the equipment.

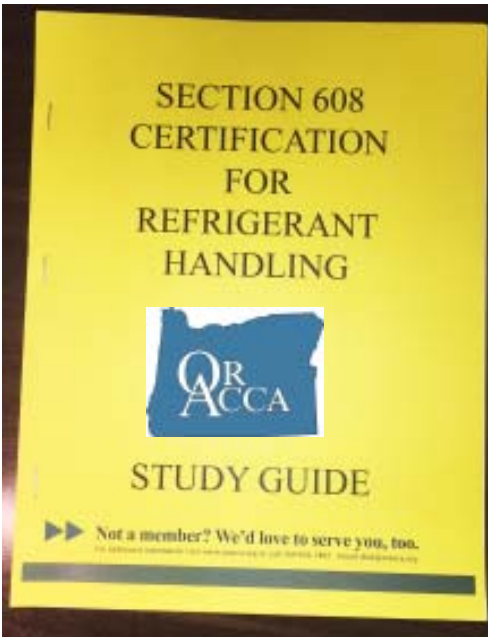
EPA has established a technician certification program for persons (“technicians”) who perform maintenance, service, repair, or disposal that could be reasonably expected to release refrigerants into the atmosphere. The definition of “technician” specifically includes and excludes certain activities as follows: attaching and detaching hoses and gauges to and from the appliance to measure pressure within the appliance; adding refrigerant to or removing refrigerant from the appliance any other activity that violates the integrity of the HVAC-like appliances, and small appliances.

Technicians are required to pass an EPA-approved test given by an EPA-approved certifying organization to become certified under the mandatory program.

Are your Technician's Certified to work on sealed systems?

Section 608 of the Federal Clean Air Act requires that all persons who maintain, service, repair, or dispose of appliances that contain regulated refrigerants, be certified in proper refrigerant handling techniques as of November 14, 1994. It has been a long time since that date and some coming into the industry may not even be aware of this regulation. But it is still a requirement for the HVAC/R industry.

ORACCA Study Manual



ORACCA's Section 608 Training Manual is intended to prepare technicians for the certification test, and contains all the information a technician will require to successfully complete the test. This booklet is not intended to be a formal refrigeration training course. It now includes Over 180 sample test questions plus a solid review of the fundamentals of refrigeration and air-conditioning systems, components, and configurations.

The manual condenses the body of knowledge needed to get 608 Type I, II, III and or Universal certification within its 140 pages. Designed for non-certified technicians who already have a working knowledge of the trade.

The test itself is scheduled with your calendar in mind. Once you have had time to thoroughly read and understand the material in the study manual and feel comfortable to take the test, contact the ORACCA

office to set a date that works for both you and the proctor.



ORACCA On-Demand Video Training

ORACCA's On-Demand Video Training Program consists of four hours of On-Line Video Training with special emphasis on Section 608 Clean Air Act. The program will mark where you stop, so you can review the material at your leisure. This allows the participant to fast forward or rewind to recover areas of the training that require more review.

Once registered you will receive log on information to access the E-Learning site to view the video training, so register early and give yourself time to go through both your written study material and this training video, so you will stand the best chance of passing the exam.

Before the test date, plan to spend time going over the video and study material. Do not expect to walk in pass the test with no review.

Not a member? We'd love to serve you, too.

For additional information visit www.oracca.org or call 360-834-3805. Email dick@oracca.org

CFC Certification Test Registration Form

Refrigerant Transition and Recovery Certification Program Seminar Registration Form



Return the completed form and make check payable to:
ORACCA

Oregon Air Conditioning Contractors Association
P.O. Box 87907, Vancouver, WA. 98687-7907
Voice: 360-834-3805 • Fax: 503-914-1999
E-mail: dick@oracca.org • Website: www.oracca.org

FAX ORDERS WELCOME
With Credit Card
VISA, M/C, AMEX
Please make copies
of this form to use for
future orders

COMPANY CONTACT INFORMATION

Company _____ Name _____

Phone _____ Fax _____ Email _____

Address _____ City _____ State _____ Zip _____

REGISTRANTS INFORMATION - Use a Separate sheet for each applicant

TEST RESULTS ARE MAILED TO THE HOME ADDRESS UNLESS OTHERWISE INDICATED, USE ADDITIONAL PAPER FOR MORE REGISTRATIONS

1) _____ Phone _____ Email _____

Address _____ City _____ State _____ Zip _____

ORDERING INFORMATION

Catalog	Description	Qty	Mbr Price	NonMbr Price	Total
	Test with Training				
CFCB	CFC Study Booklet		\$50.00	\$75.00	
CFCV	CFC On-Demand Study Video *		\$75.00	\$120.00	
CFCWT	CFC Test only		\$75.00	\$120.00	
CFCRT	CFC Retest		\$75.00	\$120.00	
Total					

* Once registered you will receive log on information to access the E-Learning site to view the video training

Training Program consists of On-Line Video Training with special emphasis on Section 608 Clean Air Act. The program will mark where you stop, so you can review the material at your leisure.

Before the test date, plan to spend time going over the video and study material. Do not expect to walk in pass the test with no review.

Choose your test Date
Enter Date here _____
MM/DD/YY

Visa M/C
 Amex

Credit Card # _____

Exp Date _____ Security Code _____

Card Holder Name _____

Zip Code _____

Check # _____
Sent to _____

ORACCA Headquarters
PO Box 87907
Vancouver, WA 98687

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Refrigerant Transition and Recovery Certification Program

The November 1994 deadline has come and gone for the EPA mandatory certification for all technicians, installers, contractors, and the like, who are involved with refrigerant handling.

ORACCA has arranged for a day long seminar, presented by Richard Stilwill. This training session is intended to prepare the participants for the required certification testing.

The presentation consists of six hours of intensive training on a Saturday, utilizing various teaching techniques, to acquaint participants with the materials and test, plus refrigerant . This will be followed by a two hour, EPA approved, certification test.

The Certification Types as specified by section 608 of the Clean Air Act, are as follows:

Core	Must be taken in addition to the specific levels listed below	- 25 Questions
Type I	Small Appliances with 5 pounds of less Refrigerant	- 25 Questions
Type II	High Pressure and Very High Pressure Appliances	- 25 Questions
Type III	Low Pressure Appliances.	- 25 Questions

Your ORACCA association supports this effort and urges you to approach this testing seriously. While the two previous CFC tests given in Portland earlier this year had passing rates of 90%, the national average passing these tests have been only 50%. Consequently, with this level of success locally, we have arranged to continue presenting this seminar in order to aid qualified technicians in obtaining certification and assistance in understanding some of the complexities of the test.

We urge you to seriously study the course book, available through ORACCA. The materials contained in the book will help you to achieve a passing grade in a level (Type I, II, or III) in which you have expertise and practical experience. This is a closed book test. No study aid materials of any kind are allowed in the testing area. Pencils and pressure/temperature charts are provided.

We schedule these tests on an individual basis. Please return your application form as soon as possible in order to insure a reservation.

For further information on the certification examination, please contact the ORACCA association headquarters by writing: ORACCA, P.O. Box 87907, Vancouver, WA. 98687-7907 or by calling 877-413-1259/360-834-3805. Fax 503-914-1999.

Important student notes

- √ •During this session , our presenter will review the pertinent sections of the ACCA manual.
- √ •The Tests will be scored by the Technology Transfer Center at Pennsylvania College of Technology, One College Ave., Williamsport, PA 17701. Allow several weeks for results.
- √ •In order to obtain certification, applicants must pass the core exam, in addition to successful completion of each certification level you wish to obtain. (70% is passing)
- √ •Materials required for the Test are: Number 2 pencils, and Temperature/Pressure chart, **both supplied by ORACCA.**
- √ •The National average passing rate for the exam is presently only 50%. *The pass rate for the tests given to date by the ORACCA in Portland have averaged 96% pass rate.* Please get your book early and study for this examination, prior to the seminar.
- √ •**The cost for this certification exam is \$120.00 per participant, all ORACCA member company employees may take the course for a discounted fee of \$75.00.** To insure a firm reservation for the exam, return this form **with your check** for the appropriate amount.