

EPA 608 Universal Exam With 100% Correct Answers 2023

Refrigeration technicians who violate the Clean Air Act can: - - Correct answer-Lose their EPA certification, be fined, be required to appear in Federal court.

After 1995, any supplies of CFC refrigerants to service existing units in the USA can only come from: - - Correct answer-recovery and recycling.

Refrigerant that is recovered can be returned to: - - Correct answer-the same system or other systems owned by the same person without restriction.

Refrigerant can not be called "reclaimed" unless it: - . - Correct answer-has been chemically analyzed and the refrigerant meets the ARI-700 standard.

The EPA can require a technician to demonstrate their ability to perform proper procedures for recovering and/or recycling refrigerant. Failure to demonstrate competency can result in: - - Correct answer-revocation of the technicians certification.

What characteristic(s) of CFCs make them more likely to reach the stratosphere than most other compounds containing chlorine? - - Correct answer-Refrigerants that contain chlorine but not hydrogen are so stable that they do not break down in the lower atmosphere after being released. The chlorine or bromine reacts with the ozone, causing it to change back to oxygen, thus destroying the ozone layer.

A system is considered dehydrated when: - - Correct answer-the vacuum indicator shows you have reached and held the required finished vacuum.

Disposable refrigerant containers are used for _____ - Correct answer-virgin refrigerant

Which refrigerant is an HCFC? - - Correct answer-R-123, R-124, R-22

What statement is true about an azeotropic refrigerant mixture? - - Correct answer-It is a mixture that acts like a single-component refrigerant over its entire range.

Chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs) have which of the following in common? - - Correct answer-It is a mixture that acts like a single-component refrigerant over its entire range.

To scrap a disposable cylinder, the internal cylinder pressure should be reduced to at least: - - Correct answer-0 psig.

Manifold gauge sets are often color coded, when this is done, the high pressure gauge is color coded: - Red. - Correct answer-

In general, blended refrigerants should be charged: - - Correct answer-as a liquid.

Blended refrigerants leak from a system: - - Correct answer-in uneven amounts due to different vapor pressures.

Which of the following gases help form the earth's protective shield? - Stratospheric Ozone - Correct answer-

In a refrigerant system, the device that changes a low pressure vapor to a high pressure vapor is the: - compressor. - Correct answer-

Data shows that chlorine in the stratosphere comes mainly from CFCs rather than from natural sources such as volcanoes because: - The rise in the amount of chlorine in the stratosphere matches the rise in the amount of fluorine, which has different natural sources than chlorine; The rise in the amount of chlorine in the stratosphere matches the rise in CFC emissions; Air samples taken from the stratosphere over erupting volcanoes show that volcanoes contribute a small quantity of chlorine to the stratosphere when compared to CFCs; - Correct answer-

Which atom of the CFC molecule causes ozone depletion? - chlorine - Correct answer-

The ozone layer protects the earth from: - ultraviolet radiation from the sun. - Correct answer-

When using with any solvent, cleaner, chemical or refrigerant, you should review: - material safety data sheets. - Correct answer-

An award of up to what amount may be paid to a person supplying information that leads to a penalty against a technician who is intentionally venting? - 10,000 - Correct answer-

The Montreal Protocol is: - a treaty among nations that controls production of CFCs and HCFCs. - Correct answer-

Which refrigerant is an HCFC? - R-123, R-22, R-124 - Correct answer-

What is one of the most serious results of damage to the ozone layer? - increases in human skin cancer - Correct answer-

Of the refrigerants listed below, which has the lowest ozone depletion potential (ODP)? - R-22 - Correct answer-