

EPA 608 Certification

What date was the sale of CFC's & HCFC's restricted to technicians certified in refrigerant recovery? - Correct answer-November 14, 1994

Section 608 of the Federal Clean Air Act requires technicians to what? - Correct answer-Recover all refrigerants.

The objective of the Clean Air Act is to protect what? - Correct answer-The earth's stratosphere.

HFC's - Correct answer-HydroFlouroCarbon's

CFC's - Correct answer-ChloroFlouroCarbon's

ODP - Correct answer-Ozone Depletion Potential

Which international treaty agreement was the basis for Section 608? - Correct answer-The Montreal Protocol.

Depletion of the ozone in the stratosphere is know to cause what 6 things? - Correct answer-1.Crop losses

2.Increases in eye diseases

3.Skin Cancer

4.Reduced marine life

5.Deforestation

6.Increased ground level ozone

What happens when CFC or HCFC molecules get in the stratosphere & free atoms of Chlorine are set free? - Correct answer-These atoms attack Ozone Molecules causing the formation of Chlorine Monoxide (CLO), after colliding with another Ozone Molecule, causes 2 Oxygen (O₂) molecules to be made & leaving an atom of chlorine to act as "Free Agent" starting the process over until 100,000 molecules of Ozone are destroyed by just one atom of chloride.

What date was recovery equipment required to be certified by a lab, & achieve higher evacuation levels, & have low loss fittings? - Correct answer-November 15, 1993

On what date was technician certification required? - Correct answer-November 14, 1994

What date was CFC's phased out of production? - Correct answer-December 31, 1995

What is EPA 608 Type I certification? - Correct answer-Persons who maintain, service, repair, or dispose of small appliances (containing 5 pounds of refrigerant (or less)).

What is EPA 608 Type II certification? - Correct answer-Persons who maintain, service, repair, or dispose of high and very high pressure appliances. Except small appliances and motor vehicle air conditioning systems.

What is EPA 608 Type III certification? - Correct answer-Persons who maintain, service, repair, or dispose of low pressure appliances.

What is EPA 608 Universal certification? - Correct answer-Persons who maintain, service, repair, or dispose of both low and high pressure equipment, as well as appliances.

HCFC's - Correct answer-HydroChloroFluoroCarbons

What are HydroChloroFluoroCarbons? - Correct answer-Commonly known as HCFC's, they are a group of man-made compounds containing hydrogen, chlorine, fluorine, and carbon.

A recovery cylinder must not be filled more than ____ % of it's capacity by weight? - Correct answer-80%

How should refrigerant cylinders be shipped? - Correct answer-Up-right with proper DOT classification tags.

What oil MUST be used with ALL HFC's for HVAC/Refrigeration but will also work with CFC's and HCFC's. - Correct answer-Polyolester

HCFC's have very low atmospheric concentrations measured in parts per? - Correct answer-Trillion

All cooling systems containing more than 50 lbs. of refrigerant must be repaired when the annual leak rate exceeds____? - Correct answer-15%

Mineral Oils are used with? - Correct answer-All CFC's

Alkebenzene is used alone or as an additive for? - Correct answer-HCFC's (Will also work with CFC's)

POE - Correct answer-Polyolester

What is the definition of a Type I Appliance? - Correct answer-A small appliance that is manufactured, charged, and hermetically sealed in a factory with 5 Lbs. of refrigerant or less.