

EPA 608 Certification | Section 608 Refrigerant Recovery and Transition Test.

1. A recovery cylinder must not be filled more than ___ % of it's capacity by weight? - 80%
2. A-1 Group Refrigerants only require what? - Oxygen Deprivation Sensor
3. After completing the transfer of liquid refrigerant between a recovery unit and a refrigeration system, you should guard against what? - Trapping liquid refrigerant between the service valves.
4. Alkylbenzene is used alone or as an additive for? - HCFC's (Will also work with CFC's)
5. All "B" rated refrigerants require what? - "Refrigerant Specific" Mechanical Room Sensor.
6. All cooling systems containing more than 50 lbs. of refrigerant must be repaired when the annual leak rate exceeds___? - 15%
7. All refrigerants are assumed to be a single chemical if they are numbered what? - 1-399 and 600 and above.
8. All refrigeration systems containing more than 50 lbs. of refrigerant must be repaired when the annual leak rate exceeds___? - 35%
9. Azeotrope's are numbered what? - 500 to 599
10. Can Reclaimed refrigerant be resold? - Yes, but must meet the standard set forth in ARI 700 before it can be resold.
11. Can Recycled refrigerant be resold? - It cannot be re-sold but it can be re-used.
12. CFC's - ChloroFluoroCarbon's
13. Depletion of the ozone in the stratosphere is know to cause what 6 things? - 1.Crop losses
2.Increases in eye diseases
3.Skin Cancer
4.Reduced marine life

- 5. Deforestation
- 6. Increased ground level ozone

- 14. Enough vapor has entered the system and you may begin charging liquid refrigerant when the refrigerant saturation temperature increases to? - 36F
- 15. Excessive moisture collection in the purge unit can indicate what? - Tube Leakage
- 16. HCFC's - HydroChloroFluoroCarbons
- 17. HCFC's have very low atmospheric concentrations measured in parts per? - Trillion
- 18. HFC's - HydroFlouroCarbon's
- 19. How should refrigerant cylinders be shipped? - Up-right with proper DOT classification tags.
- 20. In relation to the three "R's" what is Reclaim? - To process refrigerant to a level equal to new (virgin) product specifications as determined by chemical analysis.
- 21. In relation to the three "R's" what is Recover? - To remove refrigerant in any condition from a system and store it in an external approved container.
- 22. In relation to the three "R's" what is Recycle? - To clean refrigerant for reuse by separating the oil from the refrigerant and removing moisture from the refrigerant by passing it through one or more filter dryers.
- 23. Mineral Oils are used with? - All CFC's
- 24. ODP - Ozone Depletion Potential
- 25. On what date was technician certification required? - November 14, 1994
- 26. POE - Polyolester
- 27. Section 608 of the Federal Clean Air Act requires technicians to what? - Recover all refrigerants.
- 28. System-Dependent devices may only be used on appliances containing how much refrigerant? - 15 Lbs of refrigerant or less