

Recovery, Evacuation / Dehydration & Soldering:

1. Refrigeration leaks are measured in _____ per year.
2. Refrigeration systems leaks change with _____ and _____.
3. If a DC electronic leak detector with an internal pump is used, TK recommends a travel rate of _____ per second.
4. _____: Remove refrigerant, store it, put it back.
5. _____: Remove refrigerant, filter it, put it back.
6. _____: Remove refrigerant, accumulate it, store it, send it out for reprocessing.
7. _____ is removing air and non-condensables from refrigeration systems that have had service performed and have been open to the atmosphere.
8. _____ is removing moisture from refrigeration systems in a deep _____.
9. As found in the Redbook, TK recommends dehydrating a system to 500 - 1000 microns, close off the hand valve, turn off the pump and wait _____ minutes and observe the micron gauge to see if the pressure rise exceeds _____ microns indicating either a leak to atmosphere or moisture still in the system.
10. During recovery of an operating unit, the refrigerant should be removed as a _____, since this is the fastest and most efficient method.
11. Before recovering the refrigerant and evacuating an ETV equipped SR-2 controlled unit, you must first open all normally closed refrigeration system valves.
What procedure must you do to set up your unit?
_____.

Hint: This procedure is found in the Green Book: SR-4 Operation.

12. In that same Green Book evacuation procedure, you are required to enter the Maintenance Menu of the SR-4.
What other maintenance action will need to be performed to keep the solenoids open during a refrigerant evacuation?

***Reference the Leak Testing / Soldering / Clean-up section
of the Red Book for the following questions.***

13. Phoson-Plus is used on _____ to _____ connections on the _____ side of the refrigeration system.
14. The flux used with 15% and 35% silver solder is _____ paste.
15. 35% silver solder is used on _____ metals.
16. 95/5 may be used on _____ to _____ connections on the _____ side of the refrigeration system.