



NANCE UNIVERSAL HVACR TECHNICAL SCHOOL

TRAINING IN AIR CONDITIONING / REFRIGERATION / EPA CERTIFICATION / REFRIGERANT RECOVERY

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Class registration: Leslie Nance leslie@nanceschool.com Kathy Boles kathy@nanceschool.com

Macaé, Brazil

October 12-16 and October 19-23 2009

Recommendation: Class is appropriate for anyone involved in the maintenance, troubleshooting and/or repair of air conditioning and refrigeration equipment. This seminar is especially recommended for anyone in the offshore drilling, oil production, marine maintenance, petrochemical, refinery, manufacturing transportation and institutional industries. Includes technician training for EPA certification and testing.

Cost: \$2250. USD – Five Day Seminar (Study guides and Literature Included). Tuition does not include: Lodging, meals & transportation for student. All tests, EPA Approval Certificate and wallet cards included for those who pass certification.

Cancellation of classes must be made 21 days prior to the first day of class. Any time after this, payment will be applied to any future scheduling.

Job Skills Topics:

1. Safety, people, equipment and products
 2. How the refrigeration system works
 3. What each component does
 4. Processing a system prior to charging*
 5. Properly charging the system with refrigerant*
 6. Refrigerants used
 7. Is the system working, as it should?
 8. Effective ways of leak testing*
 9. How to troubleshoot compressors*
 10. Accessories and how they work
 11. Pump down, repair and replacement of compressors*
 12. Air and/or water flow requirements
 13. Tools and instruments required
 14. Approved preventative maintenance
 15. Practical troubleshooting*
 16. Collecting and analyzing data*
 17. Systematically isolating refrigeration problems*
 18. Eliminating original cause of component failure*
 19. Clean up procedures after a compressor burnout
 20. Causes of compressor failure
 21. Eliminating flood back and slugging problems
 22. Problems in air distribution
 23. Montreal Protocol
 24. EPA update
 25. Refrigerant transition and recovery program*
 26. Alternative refrigerants and change-over procedures
 27. Technician testing for EPA certification
- NOTE: Hands On Activities

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