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## Singapore 2017

M&I Electric Far East Pte Ltd  
204 Bedok South Ave 1  
Singapore 469333  
Tel: +65 6246 3523

### Basic A/C & Refrigeration Training with EPA Certification

**Feb 27- Mar 3**

**Aug 14-18**

**Recommendation:** Class is appropriate for anyone involved in the maintenance, trouble shooting and/or repair of air conditioning and refrigeration equipment. This seminar is for anyone in the offshore drilling, oil production, marine maintenance, petrochemical, refinery, manufacturing, transportation, and institutional industries.

**Class time: 7:30 am – 5:00 pm (lunch included)**

**Attire:** Work clothes and steel toe boots

**Location:** M & I Far East Pte. Ltd, 204 Bedok South Ave 1, Singapore (within Fujitec Compound)

**Registration:** Leslie Nance- Burkhardt [leslie@nanceschool.com](mailto:leslie@nanceschool.com)

Please make your hotel reservations with the hotel of your choice direct billed to your company.

**Cost: \$2,910. USD** for five 8-hour days of training. Each session includes lunch, coffee breaks, training materials, EPA study guide, EPA exam, and lab supplies.

Please make your hotel reservations with the hotel of your choice direct billed to your company.

Participants and past participants who wish to **retest** for EPA Certification may do so on Friday. **Cost \$100. USD**

The EPA Certification exam to be administered on-line providing participant brings a computer, laptop, iPad, or internet capable devise (other than a phone).

#### Job Skill Topics:

1. Safety, people, equipment and products
2. How the refrigeration system really works
3. Component function and purpose
4. Preparing a system prior to charging
5. Refrigerant recovery, dehydration and charging
6. Refrigerants used in the industry
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. Scheduled maintenance
15. Practical troubleshooting
16. Collecting and analyzing data
17. Systematically isolating refrigeration problems
18. Eliminating original cause of component failure
19. Leak detection
20. Eliminating flood back and slugging problems
21. Refrigerant transition and recovery program
22. Alternative refrigerants and conversion procedures
23. Brazing – system assembly and repair

**Cancellation of classes must be made 21 days prior to the first day of class. Any time after this, payment will be applied to next available local class.**