

Trouble Shooting Reefer Course

A reefer container course aimed at ships' engineers.

Scope:

This course is intended for ships' engineers who are responsible for the operation of the refrigerated containers on board ship. The course is spread over three days. Accommodation and daily transport to the venue is provided.

Objectives:

Participants who successfully complete the course will have a working knowledge of how refrigerated containers work and will have the ability to carry out fault finding checks of integral container refrigeration and electrical systems.

Certificates:

Participants who successfully complete the course will be issued with a course completion certificate.

Location:

All courses are held at CRT's Training Centre at Cambridge. Accommodation included.

Course Outline:

Expert tuition is given on four of the major reefer units currently in service, Carrier, Thermo King, Daikin, and Mitsubishi.

- Introduction to Reefer Containers
- Basic Refrigeration Systems
- Container Components
- Use of Refrigerants
- Electrical Systems
- Downloading of Monitored Information
- Cool/Heat Defrost Cycles
- Hands on Fault Finding in Refrigeration Systems
- Hands on Fault Finding in Electronic and Electrical Systems
- Pre-Trip, Self Diagnostics Tests
- Competency Tests and Course Completion Certificate



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