

## Refrigeration (Management Level)

**Length** 40 hours (5 days)

**Scope**

The course will expand on the basic refrigeration principles and procedures as outlined in the Operational Level course and will incorporate training with a Carrier refrigerated container unit. The course includes hands-on training using several refrigeration trainers as well as CBT utilizing SIMUTECH program.

**Objective**

The course covers the requirements of the STCW Code, Section A-III/2, Table A-III/2, Start Up and Shut Down Main Propulsion and Auxiliary Machinery, including Associated Systems. Included is the IMO model course Competence 1,1: Plan and Schedule Operations: Start Up and Shut Down Main Propulsion and Auxiliary Machinery, Including Associated Systems.

**Entry Standards**

The course is intended for students with a current understanding of refrigeration who hold a license credential endorsed for Officer in Charge of an Engineering Watch as Assistant Engineer, DDE (Limited Engineer), or 3 A/E unlimited horsepower or higher. The candidate should hold a Universal Refrigeration Certificate per 46 CFR part 82.

**Teaching Facility**

STAR Center, Dania Beach, Florida