

## **ME720**

### **Refrigeration and air conditioning plant maintainer**

#### **Course Aim.**

To train and develop Army Class 1 Marine Engineers to conduct refrigeration plant maintenance

#### **Course Objectives.**

Training Objectives associated with the ME720 course are:

- Explain refrigeration principles.
- Construct and utilise Mollier charts
- Describe the construction and operation of vapour compression refrigeration system components.
- Explain air conditioning principles and use Psychometric charts.
- Undertake pressure testing, evacuation and record completion.

#### **Duration.**

The course is 5 weeks residential training delivered by DSMarE HMS Sultan.

#### **Enrolment Criteria.**

Personnel must meet the following criteria to apply for the course<sup>1</sup>:

- Be a Class 1 Marine Engineer
- Hold the minimum rank of substantive Cpl
- Recommended by their parent unit to attend

#### **Accreditation.**

The course is accredited and mapped to professional qualifications at Level 3.

#### **Dates & Enrolment.**

Course dates for each Training Year can be found through the Chain of Command. Queries and applications are to be submitted via the Unit career management single point of contact to the Deputy Training Officer (DTO) Army at DSMarE HMS Sultan.

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<sup>1</sup> Request to deviate can be sought in accordance with RLC Training Instructions.