



## High Voltage Training for Marine Engineer Officer Class I & II

**UT-ENG-DMA-026**

### Course Overview

High Voltage Courses for Marine Engineer Officer Class I & II is essential to provide knowledge and skills to operate, supervise and monitor the safe operation and control of the ship's machinery in accordance with the requirements of the STCW Code relevant Section A-III/2 and table A-III/2.

1.4 Operate and maintain Power systems in excess of 1,000 volts

1.0 High Voltage Technology

Basic principles and operations of individual items

2.0 Safety Precautions and Technology

Electrical Hazards, PPE, Hazard energy and lockout tag out procedure, Portable and fixed earthing devices, HV Test equipment

3.0 Electrical Propulsion of ships, Electrical Motors and Control Systems

Variable speed motor drives and control strategies, electrical propulsion and steering system, practical converter on board ship (ACS 6000 ABB)

4.0 Safe Operation and Maintenance of High-voltage System

HV PPE, HV system maintenance, Hyundai intelligence measuring and protection relay, HV Generator, 6600V), Ring Main System, ANSI Code, Capacitive Trip device



**STANDARD**

DMA



**FREQUENCY**

on demand



**DURATION**

5 Days



**LANGUAGE**

English/Myanmar



**PRICING**

Contact UT Admin



**PREREQUISITES**

TBA DMA



**VALIDITY**

5 YEARS

