

## **Marine High Voltage Training Course – Management Level (MHIVO-ML) - Face-to-Face**

Written by Yella Dimes Rico

Thursday, 27 February 2020 05:30 - Last Updated Saturday, 30 December 2023 05:17

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in partnership with



Barko International, Inc.  
In-house Training Center

# MARINE HIGH VOLTAGE TRAINING COURSE MANAGEMENT



**2 TRAINING DAYS**  
(1 DAY LECTURE  
1 DAY PRACTICAL)



**MAXIMUM OF  
12 TRAINEES  
PER SESSION ONLY**



**OPEN FOR LICENSED MANAGEMENT  
LEVEL ENGINE OFFICERS  
AND ELECTRO TECHNICAL OFFICERS  
WITH MALOHIVO CERTIFICATE**

**ENTITLED TO  
A CERTIFICATE  
OF COMPLETION**

## Simulator / Facility

A full scale Terasaki High Voltage simulator that lets trainees operate the switchboard as if they are onboard a vessel for training. Equipped with real VCBs, fully functional switches and gauges, and real-time reactions of systems and functionalities through the GAC POD, the simulator provides trainees the actual experience of operating onboard vessels with high voltage switchboards. The equipment also includes actual testing equipment such as a voltage insulation tester and vacuum checker for periodic maintenance and troubleshooting activities of the switchboard.

## Reasons to Attend the Course

The course uses extensive practical exercises on modern high voltage equipment and aims to familiarize management level engine officers on the High Voltage Switchboard, its functions, theories behind operation and management of operation in High Voltage systems. Attendees will also be able to carry out required maintenance tasks, safe High Voltage isolation, switching operations, and basic troubleshooting onboard ships that utilize high voltage systems. Learning outcomes and competences are in accordance with Sections A-III/2 and B-III/2, and Table 1 of the STCW Code.

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■ **Training Calendar**