

## **Marine Instrumentation and Control Engineering Course (MINTSC) - Face-to-Face**

Written by IMMAJ Admin

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in partnership with



Barko International, Inc.  
In-house Training Center

## MARINE INSTRUMENTATION AND CONTROL ENGINEERING



**3 TRAINING DAYS**  
(1.5 DAYS LECTURE  
1.5 DAYS PRACTICAL)



**MAXIMUM OF  
12 TRAINEES  
PER SESSION ONLY**



**OPEN FOR ENGINE  
OFFICERS AND RATINGS  
(WITH OIC LICENSE)**

### Simulator / Facility

An assembled process control trainer units with original brand controllers such as Autonics for temperature, level, and Burkert for pressure and flow, are being used for training. The equipment is capable of demonstrating the working principles and simulating actual operation, calibration and adjustment of various process controllers that are installed onboard modern ships.

### Reasons to Attend the Course

Trainees will be able to: a.) Enumerate the parts and components of a control system b.) differentiate digital controls and their applications. c.) Determine the working principles of various type of flow and level controls. d.) Perform the adjustment and calibration of measuring instruments and transmitters. e.) Perform actual operation on various control system and discuss its operations. Performing actual exercises on the calibration and adjustment of the equipment using the actual process control equipment to demonstrate the specific competences under the STCW Functions 1&2 and A-III/2 Functions 1, 2 & 3.

**Training Calendar**  
**2023-2024**