



This course is intended for marine engine officers and electrical officers. It is designed to provide basic understanding of the design and principles of Electro-pneumatics governing implementation and creation of simple solutions. In effect, it shall enable participants to translate, design, test, troubleshoot and document simple control tasks into fully operational applications used in maritime industries.

COURSE AIMS: At the end of the course, participants should be able to replicate control task into fully operational electro-pneumatics solutions and consequently test and commission these solutions. Moreover, it shall enable participants to utilize the system interface with a PLC.

COVERAGE / PROGRAM FOCUS: Lectures on the following subject areas and hands-on exercises relevant to marine applications using Electro-pneumatic system:

- Electrical graphic Symbols
- Switches
- Relays
- Proximity Sensors
- Memory Circuit
- Sequencing Control
- Simple Electrical Diagrams

METHOD: Lectures will be complemented with “hands on” simulation of the laboratory activities & practical exercises using pneumatic equipment and professional laboratory facilities.

ENTRY REQUIREMENT / TARGET GROUP: Entry to this course is open to all Marine Engine / Electrical Officers on Offshore Units and onboard Merchant Vessels.

Those intending to take the course should have basic knowledge in Pneumatics. Moreover, a good background in Electrotechnology is an advantage.

COURSE CERTIFICATE: A Certificate of Completion is given to each participant who satisfactorily fulfills the Course.

DURATION:

1 Week

(5 Days: 0830H – 1630H)

SCHEDULE:

This course shall be conducted only upon request with minimum of five (5) participants.

COURSE CONTRIBUTION:

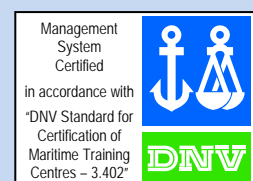
USD 467.00

(NSA Member)

USD 520.00

(Non-NSA Member)

Inclusive of course materials/handout



Register

ADDRESS: Norwegian Training Center-Manila Gate 2 TESDA Complex, East Service Road, Taguig City, Philippines 1634

TRUNKLINE NO: (632) 812-07-42 | **FAX NO:** (632) 812-67-28 | **WEBSITE:** www.ntcm.com.ph | **EMAIL:** ntcm.registrar@ntcm.com.ph