



**NORWEGIAN TRAINING CENTER-MANILA**

of

**NORWEGIAN MARITIME FOUNDATION OF THE PHILIPPINES, INC.**



## 83H UPGRADING COURSE FOR SHIPFITTERS

**DURATION:**

10 Days  
(0830H – 1630H)

**COURSE CONTRIBUTION:**  
USD 893.00

*Inclusive of course materials compiled in a ring binder*

Each participant will have a welding set at his disposal throughout the course

This course is designed to provide skills upgrading training for existing fitters and broaden their knowledge on metal fabrication and maritime welding processes.

**COURSE AIMS / OBJECTIVES:** Upon completion of the course, participants should be able to:

- select and operate the available range of Unitor welding equipment for onboard repairs;
- weld using SMAW, GTAW and OAW;
- braze, cut and gouge metal; and
- perform pipe fitting and fabrication.

**COVERAGE / PROGRAM FOCUS:** This course provides:

- knowledge and understanding of common arc and gas welding equipment for onboard repairs;
- knowledge on the proper selection of welding equipment for a specific welding repair, the right choice of consumables, their uses, as well as the safety practices involved;
- training to develop the manual skill necessary to perform electrode welding, oxy-acetylene welding/brazing and cutting on plates and pipes and, basic Tig welding; and
- training to develop the skill necessary to make appropriate metal layouts and cuts for pipe joints and pipe fittings.

The course also covers fabrication of piping components and an assembly welding exercise.

**DURATION & METHODOLOGY:** This 10-day, 76-clock hour program consists of 10 hours of theoretical instructions and 66 hours of practical layout, piping fabrications and welding exercises.

**ENTRY REQUIREMENT / TARGET GROUP:** Existing Fitters with Arc and Gas Welding experience.

**COURSE CERTIFICATE:** A Certificate of Attendance and a Course Diploma will be issued to each participant who fulfills the course completion requirements.

**Register**

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

TRUNKLINE NO: (632) 812-07-42 | FAX NO: (632) 812-67-28 | WEBSITE: [www.ntcm.com.ph](http://www.ntcm.com.ph) | EMAIL: [ntcm.registrar@ntcm.com.ph](mailto:ntcm.registrar@ntcm.com.ph)