



This course is designed for Engine Officers/Ratings involved in the operation and management of auxiliary boiler system which fundamentally include the feed water analysis and treatment onboard. It provides the essential knowledge and skills necessary to support the various tasks and requirements for safety and efficient operation of all the systems involved in vessel's marine steam plant.

**COURSE AIMS:** At the end of the course, candidate should be able to practically understand and come to terms with:

- the basic operating principles of steam production;
- boiler designs and it's components according to vessel's requirements;
- various types of boiler conditions and operations on board;
- proper handling and monitoring for safe and efficient plant operations; and
- boiler water test, analysis, and treatments required.

**COVERAGE / PROGRAM FOCUS:**

- Boiler Operating Principles
- Classification of Boilers
- Boiler Components
- Instrumentation and Control System
- Boiler Operation
- Boiler & Steam Plant's Schematic Diagrams
- Routine Maintenance & Repairs
- Trouble Shooting Guides
- Boiler Water Analysis & Treatment

**METHOD:** The training shall be conducted employing presentation-driven lectures and discussion supported/reinforced with CBT/Training Video.

**ENTRY REQUIREMENT / TARGET GROUP:** Entry to this course is open to all engine officers and ratings.

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

**DURATION:**  
3 Days  
(0830H – 1600H)

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

**COURSE CONTRIBUTION:**  
USD 315.00

*Inclusive of course materials/handout*



**Register**

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

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