

ELECTRICAL EQUIPMENT & SCHEMATICS

46 EES

ELECTROTECHNICAL COURSE



The future of
world class
seafarers

This course is designed for Electricians and Engineer Officers. It covers essential aspects of electrical fundamentals and provides knowledge & ability in the detection, analyses and repair of faults on electrical equipment & systems.

COURSE AIMS: The course aims to provide applied knowledge and practical skills in the operation, maintenance, faultfinding, and troubleshooting procedures for electrical equipment and systems with emphasis on improving ability to read and interpret electrical diagram.

In particular, the course shall enable trainees to:

- Perform safe and proper operating procedures of using common test instruments (i.e. Multitester, Clampmeter, Megger Tester, and other related instruments).
- Read, interpret, and draw basic circuit diagrams for lightings, transformers, motors, and fundamental motor starters and controllers.
- Setup wiring assembly & connection for common lighting fixtures and circuitry, transformers, single-phase and three phase motors as well as its fundamental starters and controllers.
- Trace and rectify common faults on lighting circuits, transformers, motors and starters.
- Perform safe and proper maintenance on storage batteries used onboard vessel.

COVERAGE / PROGRAM FOCUS:

- Electrical Safety
- Circuit Testing & Test Instruments
- Storage Batteries
- Electrical Drawings & Schematics
- Reading Techniques
- Circuit Breakers
- Transformers
- Switches, Relay and Contactor \
- Electric Motors
- Motors and Starters
- Ship's Lighting: Assembly and Connections
- Fault Finding: Procedures and Techniques

METHOD: Combination of lecture & workshop instruction with intensive practice exercises focused on developing and enhancing ability to analyze, detect and repair electrical faults/errors.

ENTRY REQUIREMENT / TARGET GROUP: Preferably experienced as Electrician or Engineer Officer

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

DURATION:

2 Weeks

(10 Days: 0830H – 1600H)

2012 DATES:

1. Jan 16–20 / 23–27
2. Feb 06–10 / 13–17
3. Feb 27–Mar 02 / 05–09
4. Apr 09–13 / 16–20
5. Apr 30–Mar 04 / 07–11
6. May 21–25 / 28–Jun 01
7. Jun 11–15 / 18–22
8. Jul 23–27 / 30–Aug 03
9. Aug 13–17 / 20–24
10. Sept 03–07 / 10–14
11. Sept 24–28 / Oct 01–05
12. Oct 15–19 / 22–26
13. Nov 19–13 / 26–30
14. Dec 10–14 / 17–21

COURSE

CONTRIBUTION:

USD 709.00

(NSA Member)

USD 788.00

(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