



# MARINE ELECTROTECHNOLOGY

**In-house course:** Marine Electrotechnology

**Equipment/Facilities:** iLearn module + Virtual Classroom

**Regulations/Industry Best Practice reference:**

- Standards of Training, Certification and Watchkeeping, 1978 ( as amended

**Certification:** OSM

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## SCOPE & PURPOSE

This training is made to comply with the STCW 2010 Part A chapter III/1 Maintenance and repair at the operational level and Part A chapter III/2 Electrical, electronic and control engineering at the management level. Part B Chapter III/4, Chapter III/5, Chapter III/6 and Chapter III/7

## TRAINING OBJECTIVES

*Upon completion of the course, participants should be able to:*

- Understand basic electrical safety
- Describe the Basic Electricity Principles.
- Distinguish the different electrical drawing and symbols.
- Perform different starting methodologies using simulator (CADe)
- Name the different electrical protection.
- Understand the Star-Delta Starting
- Use correct instruments to measure current, voltage, power in DC and AC circuits

## Entry Standards

- The course is open to all Junior Engineer, Electrician and NSA Cadets
- Must have finished the iLearn module

## COURSE DURATION

8.0 Hours