



## SHIP ELECTROMECHANICAL 3 / ELECTRICAL TRADESMAN 3

### **Introduction**

This course offers the relevant skills to be an electrical tradesman with the necessary certifications. The course is delivered in 3 separate sections. The duration of each section is 8 weeks, totaling 24 weeks. The electrician training course is both knowledge and competency based.

Training instruction and activities are based on actual devices to take full advantage of the practical aspects of the work carried out.

### **Objectives**

After successfully completing Level 1, 2 and 3 the candidates will sit for an examination by the relevant authorities. However, after the successful pass of Level 3 exams the candidates are able to sit for their electrical tradesman license and become a fully qualified electrician.

### **Syllabus**

#### Electrician Training Level 1

- Electrical Safety
- Electricity Sources and Fundamentals

#### Electrician Training Level 2

- All electrical equipment
- Electrical testing and measurement

#### Electrician Training Level 3

- Programmable Logic Controller
- Refrigeration and Air Conditioning
- Generators

### **Course Outcomes**

The successful candidates demonstrated the skills in; Troubleshooting, electrical faults, setting up new electrical circuits, and become familiar with all aspects of electrical equipments.

### **Teaching and Mode of Delivery**

Lecture and practical exercise method at PMTC premises.

### **Requirement**

- All candidates should have a valid Fire Fighting certificate and valid medical fitness certificate.
- All candidates must be conversant and literate in English

### **Availability**

- Available upon request
- Candidates to bring along ID/passport on first day of course.

### **Assessment**

Assessment will be done immediately after the completion of each level. The candidates will sit before the relevant authorities for examination. After the successful completion of Level 3 examination the candidates will sit for the electrician tradesman license exam.

### **Training Details**

Duration: 8 weeks  
Time: Morning and evening sessions  
Venue: PMTC, Konedobu  
Course Fees: TBA  
Total course fee: TBA/person (Level 1, 2, 3)  
Minimum number of persons: 10 persons per class

*For further information, please contact:*

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