



MARINE DIESEL ENGINE MECHANIC/FITTER

Introduction

The Marine Diesel Engine fitter course is designed to prepare the engine service fitter to competently perform maintenance and repairs on high and medium speed marine diesel engines.

The focus on the training is to provide the environment for trainee's to enhance their skills and experience in a marine workshop environment

Objective

To provide the learner with the knowledge and skills to safely perform the following on a Ship's marine diesel engine:

- Operate high and medium speed diesel engines for propulsion and power generation.
- Carry out repairs and maintenance for high and medium speed diesel engines.

Course outline

The knowledge and skills gained from this training will provide the trainee with the competencies as a marine diesel engine fitter.

The course units will cover:

1. The principles of Occupational Health and Safety on board the vessel's engine room.
2. Awareness in safely performing operational and maintenance tasks on marine diesel engines in an environmentally safe manner.
3. Planning systematic approaches for maintenance and repair of marine diesel engines.
4. Preparation of appropriate tools for marine diesel engine maintenance and overhaul.
5. Proper procedures for dismantling and rebuilding marine diesel engines in accordance with manufacturers manual.
6. Maintenance and repair of engines associated equipment's in accordance with established standards and technical specifications:
 - Cooling system
 - Lubrication system
 - Fuel system
 - Starting systems , ie; Battery or Air start and etc
 - Hydraulic systems

7. Start up, shut down, monitoring operation, performing basic fault diagnosis and recognising common faults of marine diesel engines in accordance with technical specifications, manufacturer recommendations, and safety/statutory requirements.
8. Operate and maintain the reverse/reduction gears and transmission devices in accordance with manufacturer recommendations and safety requirements.

Certificates

The trainee will receive a certificate of competency as a marine diesel fitter on successfully completing the course

Who should attend

The candidate should at least be 18 years of age and:

- The candidate should be medically fit to be a marine diesel engine fitter.
- Have experience as a marine engineer
- The candidate should have experience with diesel engines

Miscellaneous

All candidates need to be in PPE all throughout the course

Training duration

Duration: 6 weeks which covers;

- Class theory
- Practical sessions

Time: 08.00am to 04.00pm

Tuition Fees: TBA

Venue: PMTC, Konedobu

Min No. of persons: 10 persons per class

For further information please contact:

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