

KEMENTERIAN PERHUBUNGAN REPUBLIK INDONESIA
DIREKTORAT JENDERAL PERHUBUNGAN LAUT



MINISTRY OF TRANSPORTATION OF THE REPUBLIC OF INDONESIA
DIRECTORATE GENERAL OF SEA TRANSPORTATION

SERTIFIKAT KETERAMPILAN
CERTIFICATE OF PROFICIENCY

Nomor Seri / Serial No.

CP4795766

Nomor Sertifikat / Certificate No.

6211927632420222

Dengan ini dinyatakan bahwa

This is to certify that

Nama

Name

Tempat dan tanggal lahir

Place and date of birth

:: MUAMMAR GAFIRIN

JAKARTA, 26 February 2000

telah menyelesaikan pelatihan dan lulus evaluasi :

has completed approved training and passed the assessment of

RATINGS AS ABLE SEAFARER ENGINE

yang dilaksanakan oleh : BP3IP Jakarta

which has held by

di : Jakarta

at : 13 December 2021 to 20 January 2022

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan :

in accordance with the provisions of STCW 1978 as amended, Regulation

yang telah mendapat pengesahan dari Direktorat Jenderal Perhubungan Laut selaku Administrasi.

which has been approved by the Directorate General of Sea Transportation as Administration.

Section A-III/5 STCW 2010

Section A-III/5 STCW 2010

Jakarta, 07 February 2022

Tandatangan Pemilik

Signature of the Holder



Ag. Direktur Jenderal Perhubungan Laut

Q.S. Director General of Sea Transportation

Ketua/Direktur/Kepala

Principal/Director/Head

Ir. AHMAD, M.MTr., QIA., CFr.A



**RATINGS AS ABLE SEAFARER ENGINE IN A MANNED ENGINE-ROOM OR DESIGNATED TO PERFORM DUTIES
IN A PERIODICALLY UNMANNED ENGINE-ROOM**

Subject Area.

Based on Reg. III/5 STCW 2010 Code Section A-II/5

1. Contribute to a safe engineering watch

- 1.1. Ability to understand orders and to communicate with the officer of the watch in matters relevant to watchkeeping duties;
- 1.2. Procedures for the relief, maintenance and handover of a watch;
- 1.3. Information required to maintain a safe watch.

2. Contribute to the monitoring and controlling of an engine-room watch

- 2.1. Basic knowledge of the function and operation of main propulsion and auxiliary machinery;
- 2.2. Basic understanding of main propulsion and auxiliary machinery control pressures, temperatures and levels.

3. Contribute to fuelling and oil transfer operations :

- 3.1. Knowledge of the function and operation of fuel system and oil transfer operations :
 - 3.1.1. Preparations for fuelling and transfer operations;
 - 3.1.2. Procedures for connecting and disconnecting fuelling and transfer hoses;
 - 3.1.3. Procedures relating to incidents that may arise during fuelling or transferring operation;
 - 3.1.4. Securing from fuelling and transfer operations;
 - 3.1.5. Ability to correctly measure and report tank levels.

4. Contribute to bilge and ballast operations

- 4.1. Knowledge of the safe function, operation and maintenance of the bilge and ballast system :
 - 4.1.1. Reporting incidents associated with transfer operations;
 - 4.1.2. Ability to correctly measure and report tank levels.

5. Contribute to the operation of equipment and machinery

- 5.1. Safe operation of equipment;
- 5.2. Ability to use understand basic crane, winch and hoist signals.

6. Safe use of electrical equipment

- 6.1. Safe use and operation of electrical equipment;

- 6.1. Knowledge of the causes of electric shock and precautions to be observed to prevent shock.

7. Contribute to shipboard maintenance and repair

- 7.1. Ability to use painting, lubrication and cleaning materials and equipment;
- 7.2. Ability to understand and execute routine maintenance and repair procedures;
- 7.3. Knowledge of surface preparation techniques;
- 7.4. Knowledge of safe disposal of waste materials;
- 7.5. Understanding manufacturer's safety guidelines and shipboard instructions;
- 7.6. Knowledge of the application, maintenance and use of hand and power tools and measuring instruments and machine tools;
- 7.7. Knowledge of metalwork.

8. Contribute to the handling of stores

- 8.1. Knowledge of procedures for safe handling, stowage and securing of stores.

9. Apply precautions and contribute to the prevention of pollution of the marine environment

- 9.1. Knowledge of the precautions to be taken to prevent pollution of the marine environment;
- 9.2. Knowledge of use and operation of anti-pollution equipment;
- 9.3. Knowledge of approved methods for disposal of marine pollutants.

10. Apply occupational health and safety procedures

- 10.1. Working knowledge of safe practices and personal shipboard safety.

11. Assessment and Evaluation