

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.

CP4253522

Dengan ini dinyatakan bahwa
This is to certify that

Nama
Name

.. **MARZUKI**

Tempat dan tanggal lahir :
Place and date of birth

POMALAA , 17 September 1981

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 : **15 April 2021 to 15 April 2021**

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan : **Section A-III/5 STCW 2010**
in accordance with the provisions of STCW 1978 as amended, Regulation **Section A-III/5 STCW 2010**



yang telah mendapat pengesahan dari Direktorat Jenderal Perhubungan Laut selaku Administrasi,
which has been approved by the Directorate General of Sea Transportation as Administration.

Jakarta , 22 April 2021


Tandatangan Pemilik
Signature of the Holder



BP3IP Jakarta


An. Direktur Jenderal Perhubungan Laut
or: Director General of Sea Transportation
Ketua/Direktur/Kepala
Principal/Director/Head

J. SUGENG WIBOWO, M.M.



**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-III/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