



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.

**CP4441982**

Dengan ini dinyatakan bahwa

*This is to certify that*

Nama

*Name*

Tempat dan tanggal lahir

*Place and date of birth*

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*

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, 15 September 2021**

Tandatangan Pemilik

*Signature of the Holder*

**ZAKARIYAH**



BP3IP Jakarta



An. Direktur Jenderal Perhubungan Laut

*Director General of Sea Transportation*

Ketua/Direktur/Kepala

**Principal/Director/Head**

**IR 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**