

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.  
**CP4091671**

Nomor Sertifikat / Certificate No.  
**6211927632350120**

Dengan ini dinyatakan bahwa  
*This is to certify that*

Nama : **MUAMMAR GAFIRIN**  
Name  
Tempat dan tanggal lahir : **JAKARTA , 26 February 2000**  
Place and date of birth

telah menyelesaikan pelatihan dan lulus evaluasi :  
*has completed approved training and passed the assessment of*

**RATINGS FORMING PART OF A WATCH IN ENGINE ROOM**

yang dilaksanakan oleh : **STIP Jakarta**  
*which has held by*

di : **Jakarta**  
at : **07 September 2020 to 26 September 2020**

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan : **Section A-III/4 STCW 2010**  
*in accordance with the provisions of STCW 1978 as amended, Regulation* **Section A-III/4 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 , 08 October 2020**

  
Tandatangan Pemilik  
*Signature of the Holder*



  
An : **Direktur Jenderal Perhubungan Laut**  
Principal/Direktur/Kepala  
  
**AMIRUDDIN, MM**



**RATINGS FORMING PART OF AN ENGINEERING WATCH**  
**Subject Area**  
**Based on Reg. III/4 STCW 2010 Code Section A-III/4**

- 1. Carry out a watch routine appropriate to the duties of a rating forming part of an engine-room watch - Understand orders and be understood in matters relevant to watchkeeping duties**
  - 1.1 Terms used in machinery spaces and names of machinery and equipment
  - 1.2 Engine-room watchkeeping procedures
  - 1.3 Safe working practices as related to engine-room operations
  - 1.4 Basic environmental protection procedures
  - 1.5 Use of appropriate internal communication system
  - 1.6 Engine-room alarm systems and ability to distinguish between the various alarms, with special reference to
- 2. Maintain the correct water levels and steam pressures**
  - 2.1 Safe operation of boilers
- 3. Operate emergency equipment and apply emergency procedures**
  - 3.1 Knowledge of emergency duties
  - 3.2 Escape routes from machinery spaces
  - 3.3 Familiarity with the location and use of fire-fighting equipment in the machinery spaces
- 4. Assessment and Evaluation**