



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.

CP4289905

Nomor Sertifikat/ Certificate No.

6202115713060321

Dengan ini dinyatakan bahwa  
*This is to certify that*

Nama  
*Name*

== **TEGAR ARMIANTO**

Tempat dan tanggal lahir :  
*Place and date of birth*

**JAKARTA , 05 October 1993**

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

### ADVANCED FIRE FIGHTING Revalidation

yang dilaksanakan oleh : PIP Semarang  
*which has held by*

di : Semarang

at : 25 June 2013 to 27 June 2013

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan : Section A-VI/3 STCW 2010  
*in accordance with the provisions of STCW 1978 as amended, Regulation Section A-VI/3 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.*

Semarang , 01 April 2021

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

Tandatangan Pemilik  
*Signature of the Holder*



PIP Semarang



Dr. Capt. MASHUDI ROFIK, M.Sc



Sertifikat ini berlaku untuk 5 (lima) tahun sejak tanggal diterbitkan  
*This Certificate is valid for 5 (five) years commenced from the date of issuance*

**ADVANCED FIRE FIGHTING**  
**Subject Area**  
**Based on Reg. VII/3 and STCW 2010 Code Section A-VI/3**

**1. Control Fire Fighting Operations Aboard Ships**

- 1.1 Fire fighting procedures at sea and in port, with particular emphasis on organization, tactics and command
- 1.2 Use of water for fire-extinguishing, the effect on ship stability, precautions and corrective procedures
- 1.3 Communication and coordinating during fire-fighting operations
- 1.4 Ventilation control, including smoke extraction
- 1.5 Control of fuel and electrical system
- 1.6 Fire fighting process hazards (dry distillation, chemical reactions, boiler uptake fires, etc)
- 1.7 Fire fighting involving dangerous goods
- 1.8 Fire precautions and hazards associated with the storage and handling of materials (paints, etc)
- 1.9 Management and control of injured persons
- 1.10 Procedures for coordination with shore-based fire fighters

**2. Organize and train fire parties**

- 2.1 Preparation of contingency plans
- 2.2 Composition and allocation of personnel to fire parties
- 2.3 Strategies and tactics for control of fires in various parts of the ship

**3. Inspect and Service Fire-Detection and Fire-Extinguishing System and Equipment**

- 3.1 Fire detection system, fixed fire-extinguishing system, portable and mobile free extinguishing equipment
- 3.2 Requirements for statutory and classification surveys

**4. Investigate and Compile Reports on Incidents Involving Fire**

- 4.1 Assessment of cause of accident involving fire

**5. Assessment and Evaluation**