

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.

CP5536633

Nomor Sertifikat / Certificate No.

6200359612060323

Dengan ini dinyatakan bahwa  
This is to certify that

Nama  
Name

:: **TRI HARJONO PAMUNGKAS**

Tempat dan tanggal lahir : KLATEN , 07 July 1984  
Place and date of birth

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 : 28 October 2013 to 29 October 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, 13 February 2023

  
Tandatangan Pemilik  
Signature of the Holder



PIP Semarang



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

Capt. DIAN WAHDIANA, M.M.



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. VI/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**