



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.

**CP5530142**

Dengan ini dinyatakan bahwa  
*This is to certify that*

Nama  
*Name*

**MUH. AWALUDDIN**

Tempat dan tanggal lahir  
*Place and date of birth*

**UJUNG PANDANG , 06 February 1990**

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

### ADVANCED FIRE FIGHTING Revalidation

yang dilaksanakan oleh PIP Makassar  
*which has held by*

di : Makassar  
at : 04 April 2011 to 04 April 2011

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan  
*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.*

Tandatangan Pemilik  
*Signature of the Holder*



PIP Makassar

**Makassar, 08 February 2023**

An Direktur Jenderal Perhubungan Laut  
G.D. Director General of Sea Transportation

Ketua Direktur/Kepala  
*Principal/Director/Head*



**Capt. SUKIRNO, M.M.Tr., M.Mar.**



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**