

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.

CP5375425

Nomor Sertifikat / Certificate No.

6211707648390322

Dengan ini dinyatakan bahwa

This is to certify that

Nama

Name

:: MUHAMMAD FAJAR AGUS SALIM

Tempat dan tanggal lahir : **WONOSOBO , 14 August 1994**

Place and date of birth

telah menyelesaikan pelatihan dan lulus evaluasi :

has completed approved training and passed the assessment of

BASIC TRAINING FOR OIL AND CHEMICAL TANKER CARGO OPERATIONS

yang dilaksanakan oleh : **PIP Semarang**

which has held by

di : **Semarang**

at : **24 October 2022 to 29 October 2022**

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan : **Chapter V, Section A-V/1-1-1 STCW 2010**

in accordance with the provisions of STCW 1978 as amended, Regulation **Chapter V, Section A-V/1-1-1 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 November 2022

An. Direktur Jenderal Perhubungan Laut

O.p. Director General of Sea Transportation

Ketua/Direktur/Kepala
Principal/Director/Head



Tandatangan Pemilik

Signature of the Holder



PIP Semarang



Capt. DIAN WAHDIANA, M.M.



BASIC TRAINING FOR OIL AND CHEMICAL TANKER CARGO OPERATIONS

Subject Area

Based on Reg. V/1-1 STCW 2010 Code Section A-V/1-1-1

- 1. Contribute to the safe cargo operation of oil and chemical tankers**
 - 1.1 Basic knowledge of tankers
 - 1.2 Basic knowledge of cargo operations
 - 1.3 Basic knowledge of the physical properties of oil and chemicals
 - 1.4 Knowledge and understanding of tanker safety culture and safety management
- 2. Take precautions to prevent hazards**
 - 2.1 Basic knowledge of the hazards associated with tanker operations
 - 2.2 Basic knowledge of hazard controls
 - 2.3 Understanding of information on a Material Safety Data Sheet (MSDS)
- 3. Apply occupational health and safety precautions and measures**
 - 3.1 Function and proper use of gas-measuring instruments and similar equipment
 - 3.2 Proper use of safety equipment and protective devices
 - 3.3 Basic knowledge of safe working practices and procedures in accordance with legislation and industry guidelines and personal shipboard safety relevant to oil and chemical tankers
 - 3.4 Basic knowledge of first aid with reference to a Material Safety Data Sheet (MSDS)
- 4. Carry out fire-fighting operations**
 - 4.1 Tanker fire response organization and action to be taken
 - 4.2 Fire hazards associated with cargo handling and transportation of hazardous and noxious liquids in bulk
 - 4.3 Fire-fighting agents used to extinguish oil and chemical fires
 - 4.4 Fixed fire-fighting foam system operations
 - 4.5 Portable fire-fighting foam operations
 - 4.6 Fixed dry chemical system operations
 - 4.7 Spill containment in relation to fire-fighting operations
- 5. Respond to emergencies**
 - 5.1 Basic knowledge of emergency procedures, including emergency shutdown
- 6. Take precautions to prevent pollution of the environment from the release of oil or chemicals**
 - 6.1 Basic knowledge of the effects of oil and chemical pollution on human and marine life
 - 6.2 Basic knowledge of shipboard procedures to prevent pollution
 - 6.3 Basic knowledge of measures to be taken in the event of spillage
- 7. Assessment and Evaluation**