

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.

CP5446436

Nomor Sertifikat / Certificate No.

6211800266392423

Dengan ini dinyatakan bahwa

This is to certify that

Nama

Name

:: **MUSA**

Tempat dan tanggal lahir : **INDRAMAYU , 03 June 1993**

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 : **POLTEKPEL BANTEN**

which has held by

di : **Tangerang**

at : **02 January 2023 to 07 January 2023**

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.

Tandatangan Pemilik
Signature of the Holder



POLTEKPEL BANTEN

Tangerang, 02 February 2023

Direktur Jenderal Perhubungan Laut
O.G. Director General of Sea Transportation

Ketua/Direktur/Kepala
Principal/Director/Head



MOEJIONO, M.T., M.Mar.E.



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 ship board 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 contain ment in relation to fire-fighting operations
5. **Carry out fire-fighting operations**
 - 5.1 Tanker fire response organization and action to be taken
 - 5.2 Fire hazards associated with cargo handling and transportation of hazardous and noxious liquids in bulk
 - 5.3 Fire-fighting agents used to extinguish oil and chemical fires
 - 5.4 Fixed fire-fighting foam system operations
 - 5.5 Portable fire-fighting foam operations
 - 5.6 Fixed dry chemical system operations
 - Spill contain ment in relation to fire-fighting operations
6. **Respond to emergencies**
 - 6.1 Basic knowledge of emergency procedures, including emergency shutdown
7. **Take precautions to prevent pollution of the environment from the release of oil or chemicals**
 - 7.1 Basic knowledge of the effects of oil and chemical pollution on human and marine life
 - 7.2 Basic knowledge of shipboard procedures to prevent pollution
 - 7.3 Basic knowledge of measures to be taken in the event of spillage
8. **Assessment and Evaluation**