



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.

**CP5915746**

Dengan ini dinyatakan bahwa  
*This is to certify that*

Nama  
*Name*

**:: JOKO WALUYO**

Tempat dan tanggal lahir : **BLORA , 07 MARCH 1974**  
*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 : **Pertamina Maritime Training Center - Jakarta**  
*which has held by*

di : **Jakarta**  
at : **25 November 2015 to 25 November 2015**

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*



**Jakarta, 16 November 2023**

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



**Capt. BRAHMA ADEYANTO**



# **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. Carryout 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

## **Assessment and Evaluation**

