



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.

**CP3363334**

Dengan ini dinyatakan bahwa

*This is to certify that*

Nama  
Name

**MOCH. NURUDDIN**

Tempat dan tanggal lahir  
Place and date of birth

**BANGKALAN, 10 March 1998**

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 Surabaya**  
*which has held by*

di : **Surabaya**  
at : **10 July 2019 to 17 July 2019**

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.*

**Surabaya, 18 July 2019**

Tandatangan Pemilik  
Signature of the Holder



**POLTEKPEL SBY**



**Capt. HERU SUSANTO, 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*



## 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 guide lines 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 ship board procedures to prevent pollution
- 6.3 Basic knowledge of measures to be taken in the event of spillage

### 7. Assessment and Evaluation