



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.

CP 4577726

Dengan ini dinyatakan bahwa

This is to certify that

Nama

Name

Tempat dan tanggal lahir

Place and date of birth

ANGGORO PUTRA HERWANDA
BANGKALAN, 17 April 2000

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 : POL TEKPEL Surabaya
which has held by

di : Surabaya
at : 03 November 2021 to 10 November 2021

Sesuai ketentuan STCW 1978 beserta dengan amendemennya, 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, 23 November 2021

Tandatangan Pemilik
Signature of the Holder



POLTEKPEL SBY



An. Direktur Jenderal Perhubungan Laut
O.b. Director General of Sea Transportation

ADAM LAYANAN Kepala/Direktur/Kepala
UTBANK PELAYANAN Kepala/Direktur/Kepala



Capt. SUGIYONO, M.M.Tr., M.Mar



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

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| 1. Contribute to the safe cargo operation of oil and chemical tankers <ul style="list-style-type: none">1.1 Basic knowledge of tankers1.2 Basic knowledge of cargo operations1.3 Basic knowledge of the physical properties of oil and chemicals1.4 Knowledge and understanding of tanker safety culture and safety management | 5. Respond to emergencies <ul style="list-style-type: none">5.1 Basic knowledge of emergency procedures, including emergency shutdown |
| 2. Take precautions to prevent hazards <ul style="list-style-type: none">2.1 Basic knowledge of the hazards associated with tanker operations2.2 Basic knowledge of hazard controls2.3 Understanding of information on a Material Safety Data Sheet (MSDS) | 6. Take precautions to prevent pollution of the environment from the release of oil or chemicals <ul style="list-style-type: none">6.1 Basic knowledge of the effects of oil and chemical pollution on human and marine life6.2 Basic knowledge of ship board procedures to prevent pollution6.3 Basic knowledge of measures to be taken in the event of spillage |
| 3. Apply occupational health and safety precautions and measures <ul style="list-style-type: none">3.1 Function and proper use of gas-measuring instruments and similar equipment3.2 Proper use of safety equipment and protective devices3.3 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 tankers3.4 Basic knowledge of first aid with reference to a Material Safety Data Sheet (MSDS) | 7. Assessment and Evaluation |
| 4. Carryout fire-fighting operations <ul style="list-style-type: none">4.1 Tanker fire response organization and action to be taken4.2 Fire hazards associated with cargo handling and transportation of hazardous and noxious liquids in bulk4.3 Fire-fighting agents used to extinguish oil and chemical fires4.4 Fixed fire-fighting foam system operations4.5 Portable fire-fighting foam operations4.6 Fixed dry chemical system operations4.7 Spill contain mentinrelation to fire-fighting operations | |