

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.

Nomor Sertifikat / Certificate No.

6201199019390423

CP5530232

Dengan ini dinyatakan bahwa This is to certify that

Nama

MUH. AWALUDDIN

Name Place and date of birth

Tempat dan tanggal lahir: UJUNG PANDANG, 06 February 1990

telah menyelesaikan pelatihan dan lulus evaluasi : has completed approved training and passed the assessment of

BASIC TRAINING FOR OIL AND CHEMICAL TANKER CARGO OPERATIONS Revalidation

yang dilaksanakan olehpip Makassar which has held by

di : Jakarta

at: 02 March 2015 to 07 March 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 amanded, Regulation yang telah mendapat pengesahan dari Direktorat Jenderal Perhubungan Laur selaku Administrasi. which has been approved by the Directorate General of Sea Transportation as Administration.



Tandatangan Pemilik Signature of the Holder

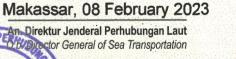




Ketta Direktur/Kepala
POLITEKHI Principal/Director/Head MU PELAYARAN

PIP Makassar

Capt. SUKIRNO, 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

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 as sociated 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 legislate on and industry guide linesand personal ship board safety relevant to oil and chemicall 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 as sociated with cargo handling and transportation of hazardo us and noxious liquids in bulk
- 4.3 Fire-fighting a gents 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 mentin relation to fire-fighting operations

5. Respond to emergencies

5.1 Basic knowledge of emergency procedures, including emergency shut down

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 take ninthe event of spillage

7. Assessment and Evaluation