

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.

CP4907775

Dengan ini dinyatakan bahwa

This is to certify that

Nama

Name

:: **CHAKRA RUKKA**

Tempat dan tanggal lahir : **UJUNG PANDANG , 06 November 1996**

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 Revalidation

yang dilaksanakan oleh : **PIP Makassar**

which has held by

di : Makassar

at : 23 October 2017 to 28 October 2017

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

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



PIP Makassar



Makassar, 29 March 2022

An, Direktur Jenderal Perhubungan Laut

Ort. Director General of Sea Transportation

Ketua/Direktur/Kepala
Principal/Director/Head

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 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 as 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 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 taken in the event of spillage
- 7. Assessment and Evaluation**