

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.

CP 0871846
Dengan ini dinyatakan bahwa
This is to certify that

6200066686390115

Nama :: **SUJIWA**
Name
Tempat dan tanggal lahir : **JAKARTA, 29 July 1974**
Place and date of birth

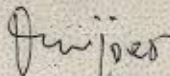
telah menyelesaikan pelatihan dan lulus evaluasi :
has completed approved training and passed the assessment of

BASIC TRAINING FOR OIL AND CHEMICAL TANKER CARGO OPERATIONS

yang dilaksanakan oleh : **STIP Jakarta**
which has held by

di : **JAKARTA**
at :
24 August 2015 to 29 August 2015

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan :
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.

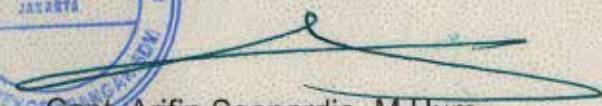

Tandatangan Pemilik
Signature of the Holder



JAKARTA, 01 September 2015

An. Direktur Jenderal Perhubungan Laut
For Director General of Sea Transportation

Ketua/Direktur/Kepala
Principal/Director/Head


Capt. Arifin Soenardjo, M.Hum.

BASIC TRAINING FOR OIL AND CHEMICAL TANKER CARGO OPERATIONS PROGRAM

Subject Area

Based on STCW 1978 Amendment 2010 Reg. V/1-1, Code Section A-V/1-1-1 and IMO Model Course 1.01

1. **SAFE CARGO OPERATION OF OIL AND CHEMICAL TANKER**
 - 1.1. Basic of Tanker
 - 1.2. Cargo Operation
 - 1.3. The physical properties of Oil and Chemical
 - 1.4. Tanker safety culture and safety management
2. **PRECAUTION TO PREVENT HAZARD**
 - 2.1. Hazard association with Tanker Operation
 - 2.2. Hazard Control
3. **HEALTH AND SAFETY PRECAUTIONS AND MEASURES**
 - 3.1. Function and proper use gas-measuring instruments
 - 3.2. Proper use of safety equipment and protective devices
 - 3.3. Safe working practices and procedures
 - 3.4. First aid with reference to MSDS
4. **FIRE-FIGHTING OPERATION**
 - 4.1. Tanker fire 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 gas fires
 - 4.4. Fixed and portable fire-fighting foam system operations
 - 4.5. Fixed and portable dry chemical system operations
5. **RESPOND TO EMERGENCY**

Emergency Procedures
6. **TAKE PRECAUTION TO PREVENT POLLUTION OF THE ENVIRONMENT FROM THE RELEASE OF OIL OR CHEMICAL**
 - 6.1. The effects of oil and chemical pollution on human and marine life
 - 6.2. Shipboard procedures to prevent pollution
 - 6.3. Measures to be taken in the event of spillage
7. **ASSESSMENT AND EVALUATION**