



Standards and Publications

The following is a list of procedures and guidelines related to the work undertaken by Petroleum Cargo Surveyors.

This list is not intended to be finite nor is it necessarily describing the latest issue of any standard. The Petroleum Cargo Surveyor should endeavour to constantly educate him/her self by ensuring s/he is aware of the latest publications and amendments.

API MPMS Chapter 3.1a	Standard Practice for the Manual Gauging of Petroleum and Petroleum Products
API MPMS Chapter 7	Temperature Determination
API MPMS Chapter 8.1	Standard Practice for Manual Sampling of Petroleum and Petroleum Products
API MPMS Chapter 8.2	Standard Practice for Automatic Sampling of Petroleum and Petroleum Products
API MPMS Chapter 12.1	Calculation of Static Petroleum Quantities - Upright Cylindrical Tanks and Marine Vessels
API MPMS Chapter 12.2	Calculation of Petroleum Quantities Using Dynamic Measurement Methods and Volumetric Correction Factors
API MPMS Chapter 17.1	Guidelines for Marine Inspection
API MPMS Chapter 17.2	Measurement of Cargoes on Board Tank Vessels
API MPMS Chapter 17.2A	Marine Measurement: Closed and Restricted Measurement
API MPMS Chapter 17.4	Method for Quantification of Small Volumes on Marine Vessels (OBQ/ROB)
API MPMS Chapter 17.11	Measurement and Sampling of Cargoes on board tank vessels using closed and restricted equipment
Energy Institute	
HM 1.1	Calculation of Static Petroleum Quantities - Upright Cylindrical Tanks and Marine Vessels
HM 28	Procedures for crude oil cargo inspections
HM 29	Procedures for petroleum product cargo inspections

HM 30	Procedures for liquefied petroleum gas (LPG) cargo inspections
HM 51	Procedures for bulk liquid chemical cargo inspections
HM 52	Measurement and sampling of cargoes on board tank vessels using closed and restricted equipment
HM 55	Measurement of cargoes on board marine gas carriers liquefied petroleum and chemical gases
HM 67	Guidelines for the introduction of chemical additives and dyes to petroleum cargoes on board ship
HM 68	Procedures for bulk liquid fatty acid methyl esters (FAME) and blended biodiesel cargo inspections
HM 69	Procedures for determining H ₂ S concentration in cargo tank head spaces
HM 92	Model sampling plans for crude oil and liquid hydrocarbon products
ISO Standards	3170, 3171, 4266, 4268, 4512, 8697, 11563

SIGTTO Liquefied Gas Handling Principles on Ships and in Terminals

IFIA Petroleum and Petrochemical Bulletin 09-01 – Free Water Determination

ASTM manual on Significance of Tests for Petroleum Products

The International Safety Guide for Oil Tankers and Terminals (ISGOTT)

HSE Control of Substances Hazardous to Health regulation (COSHH) related to Hydrogen Sulphide.