

## CMT Potable Water Test Kit

**Potable water is our most important nutrient and is used for both drinking and cooking. The water being used for personal hygiene and all types of cleaning requires the same high quality. It is therefore important to have enough water of satisfactory quality to cover all types of usage.**

International regulations regarding the Potable Water Quality Monitoring and Control were driven by the World Health Organization (WHO) via its International Health Regulations (IHR). Soon enough adapted for on-board potable water, as part of the overall Ship Sanitation Certificate.

MLC 2006 does apply to all seagoing vessels and has come into force on 20th August 2013.

Monitoring and control compliance procedures are laid out in the Guide for Ship Sanitation detailing:

- the systems that require monitoring,
- the method and frequency of monitoring
- the record keeping requirements

Simple regular assessment and testing of the potable water system for microbiological activity, biocide (disinfection control) and implementing a correct control scheme (i.e. temperature monitoring), will ultimately reduce the risk of a disease and save lives.

The CMT Marine Potable Water Test Kits were developed to offer rigs and vessels the complete monitoring solutions for their water systems, with the option of additional extras if required. Suitable control schemes with adequate testing & monitoring will aid with the compliance of the current ILO MLC (2006).

According to ILO MLC (2006) also a qualified person is required on board the vessel or rig to perform the test. CMT provides a complete training for Marine Potable Water Tests to ensure the attendee is qualified to perform all test according the legislations. At the end of the training each attendee will get a certificate proving the respective qualification.

CMT also supplies a training CD with the Potable Water Test Kit detailing the legislation background, sampling routines and test procedures giving customers the possibility to distribute knowledge quickly throughout their staff.



The CMT Marine Water Test Solutions comply with:

MLC (2006)

- WHO International Health Regulations (2005)
- ILO 178 (2009)
- European Drinking Water Regulations
- Norwegian Drinking Water Regulations (applies for ALL ships calling Norwegian ports!)

### Ordering Information

WTK-CT-80001

#### Marine Potable Water Test Kit

Reagents: non hazardous

Contains equipment for:

**No refrigeration necessary**

#### a) Bacterial Count HPC / TVC (20)

Range: 0 - >1000 CFU/ml  
 Sample prep.: 1 minute  
 Incubation: ca. 48 hours  
 Reagents: non hazardous

#### b) Coliforms / E. Coli (20)

Range: go/ no go  
 Sample prep.: 1 minute  
 Incubation: 24 hours  
 Reagents: non hazardous

#### c) Pseudomonas (20)

Range: go/ no go  
 Sample prep.: 1 minute  
 Incubation: 24 hours  
 Reagents: non hazardous

#### d) pH value (100)

Range: 4,5 – 10 pH  
 Test time: < 1 min  
 Reagents: non hazardous

#### e) Temperature

Range: 0-90°C  
 Accuracy: +/-0,5 °C  
 Test time: 3 minutes to stabilize