



Advanced training course for water safety on ships

A training course for seafarers and shipping industry professionals

Wednesday 18th June 2014 – Friday 20th June 2014

Training venue: Royal Olympic Hotel, Athens, Greece



Course Organiser EU SHIPSAN ACT Joint Action
Course duration 3 days

Training fees: 500 Euro (covering training material for the face-to-face course, coffee, lunch and dinner for 3 days and a CD-ROM with the e-learning modules).

Please click [here](#) to download and complete the application form

For further information, please contact info@shipsan.eu

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The EU SHIPSAN ACT training course entitled **“Advanced training course for water safety on ships”** is designed for operators, managers, supervisors working ashore. Officers and crew working on ships and involved in water safety such as marine engineers, sanitation officers, environmental officers.

Teaching methods: Lectures, practical exercises in small groups for developing a Water Safety Plan, problem solving, simulations, quizzes, debates.

Course learning objectives

After the end of the course the trainees should be able to:

- Understand the process of developing a Water Safety Plan (WSP).
- Perform risk assessment in potable water systems and recreational water facilities.
- Apply control measures for Legionnaires' disease prevention.
- Demonstrate knowledge on the standards set out in the European Manual for potable and recreational water safety.
- Establish verification plans including representative sampling schedules in potable water systems and recreational water facilities.
- Interpret microbiological and chemical laboratory results.
- Maintain appropriate water chemistry in recreational water facilities.



Key points:

What will this training course address?

- Practical examples for designing a Water Safety Plan.
- The European Legionnaires' Disease Surveillance Network (ELDSNet).
- Water microbiology and biofilm.
- Disinfection of piped water systems.
- Water chemistry in potable and recreational water.
- *Legionella* spp.: ecology and microbiology.
- Lessons learned from Legionnaires' disease outbreaks.
- Microbiological testing methods.
- How to perform water sampling.
- Establishment of a representative sampling schedule for verification monitoring.
- Case studies on troubleshooting in recreational water facilities and potable water systems.

About the course:

Confirmation and Enrolment:

You will receive a confirmation email and an invoice for the fees.

Pre-requisites:

- Thorough knowledge of the English language.
- Experience on ships.

E-learning:

Prior to the face to face course, access will be given to 9 modules covering communicable diseases, food and water safety and environmental microbiology as well as an introduction to the European Manual.

The SHIPSAN e-learning platform will be available on-line to all trainees prior, during and after the course.

Assessment:

At the beginning and at the end of the training course, there will be an anonymous assessment.

Certification:

A certificate of completion will be awarded to you upon completion of the training course.

