

SAMPLING AND LABORATORY PROCEDURES FOR WATER AND WASTE WATER

Course Description

A clear understating of the laboratory procedures and their proper implementation is a necessity for operators working in water supply and sewerage utilities. Samples are representatives of the water supply system, in terms of water quality and safety of human consumption.



This training course aims at explaining the laboratory procedures and identifying the necessary equipment to perform it, as well as explaining procedures for collecting samples and specifying the right steps to conduct necessary laboratory analyses.

Target Group

This training course is developed for professionals of water supply and sewerage utilities and it is especially useful for operators working in laboratory.

Objectives of the Training Course

At the end of this training course, the participants will be able to:

- Understand the importance of laboratory safety;
- Know and use the laboratory equipment in an appropriate manner;
- Identify some potential laboratory hazards;

- Practice and complete a recordkeeping worksheet;
- Identify the sampling devices and techniques;
- Apply the necessary conditions during laboratory analysis;
- Perform the laboratory tests for: alkalinity; chlorine residual; chlorine demand; coliform; hardness; jar test; pH; temperature and turbidity.

Training Method

The training is based on lectures presented in Power Point, combined with discussions. In addition to lectures and discussions, participants will analyse specific case studies.

Training Course Materials

The participants of this training course will be provided with the Training Manual on “Sampling and Laboratory Procedures for Water and Waste Water”. In addition, the participants will receive certificates of attendance.

Registration Fee

Members of SHUKALB/SHUKOS: 13,000

ALL/person

Non-members: 16,000 ALL/person

The registration fee includes course materials, coffee breaks and lunch breaks.