

WELLS OPERATION

Course Description

Most of the urban areas and all rural areas in Albania use groundwater as the main drinking water supply source. Therefore, preservation and protection of these sources and practices application to prevent potential pollution is a necessity. Water Supply and Sewerage Utilities must implement sanitary risks requirements and regulations for the wells location. The workers must operate and consistently maintain the wells in a properly manner.



This training course provides knowledge on installation, repair and maintenance of well components. In addition, the testing of the wells' performance and the variety of the pumping tests will be addressed and discussed during the training.

Target Group

This training course is developed for professionals of water supply and sewerage utilities and it is especially useful for directors of technical departments, maintenance and operation engineers, as well as design and production engineers.

Objectives of the Training Course

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

- Identify some of the potential sources of groundwater pollution;
- Recognize the legislation regarding the well protection;

- Define the factors that should consider while designing a well field;
- Identify the types of wells;
- Identify the purposes of each surface features of the well;
- Identify the factors that affects maintenance of well;
- Know the procedure for abandoning and plugging a well;
- Identify and recognize the problems caused by the sand;
- Identify the available methods to reduce sand production;
- Explain the procedures for testing well yield;
- Explain the importance of well-designed and installed components, in terms of protection from contamination;
- Identify the types of test for specific wells.

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 "Wells Operation". In addition, the participants will receive certificates of attendance.

Registration Fee

Members of SHUKALB/SHUKOS: 22,000

ALL/person

Non-members: 25,000 ALL/person

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