

OPERATION AND MAINTENANCE OF WASTEWATER COLLECTION SYSTEM II

Course Description

This course addresses the main issues encountered during the operation and maintenance of the wastewater collection system, and provides practical knowledge how to effectively use the methods available for inspection, testing and cleaning of sewers and manholes.



Participants will gain sufficient knowledge how to avoid sewage overflowing and streets flooding, by identifying and solving the failure of collection system in a timely manner.

Target Group

This training course is developed for professionals of water supply and sewerage utilities, and is especially useful technicians and maintenance specialists of wastewater collection system.

This course is recommended to be attended by all participants of the course "Operation and Maintenance of the Wastewater Collection System I", as this course is its continuation.

Objectives of the Training Course

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

- Comprehend wastewater collection system appurtenances and their function.

- Identify the main issues of wastewater collection system
- Program the operation and maintenance of the system considering the flow variations
- Understand the design process elements that impact the system operation and maintenance
- Relate the effects of sewer slope and size on wastewater flow
- Estimate the volume and velocity of water flowing in a sewer.
- Comprehend the different type of pipe, joints and manhole materials.
- Review plans and specifications for collection systems from the viewpoint of effective operation and maintenance.
- Analyze the design and construction process of wastewater collection systems from the perspective of operation and maintenance.

Training Method

Training is based on lectures presented in Power Point, combined with discussions and case studies. In addition to lectures and discussions, participants will watch videos of sewer pipes inspection and cleaning by using the methods explained in the manual.

Training Course Materials

The participants of this training course will be provided with the Training Manual "Operation and Maintenance of Wastewater Collection System II". In addition, the participants will receive certificate of attendance.

Registration Fee

Members of SHUKALB/SHUKOS: 22,000 ALL/person

Non-members: 25,000 ALL/person

This fee includes course materials, coffee breaks and lunch breaks.