

Training

The training of waterworks personnel has always been a core element of SETEC's activities. Most projects include some component of training. The training courses we hold are practically oriented and aligned to the requirements of operation and maintenance.

Our training programmes include the training of local personnel in handling the gauges, hardware and software, tools and instruments that are required for locating leaks and pipelines and for making repairs and extensions.

Work procedures and special techniques are adapted to the client's specific situation. Our experienced trainers get the trainees actively involved in every training unit. Upon completion of the training programme, the participants are capable of autonomously performing the essential tasks involved in service and maintenance.

In our experience, the most suitable approach is technology transfer by on-the-job training. Once the trainees have been instructed in small groups by experienced trainers, they immediately commence working in the field or office. This gives them the opportunity to apply the acquired knowledge or skill with the instruments straight away in practice.

So that the trainees gain a better understanding of the topics dealt with, SETEC conducts the training in workshops where the course participants can get actively involved, contribute their knowledge and share their experience.

Most of the rehabilitation projects conducted by SETEC include a training component for the waterworks personnel, and thereby achieve a sustained improvement in the operation long after the project is completed.

In line with the client's needs, SETEC Engineering offers the following training programmes:

- Network operation and service
- Pipeline construction (installation and repair)
- Pipeline location of metallic and non-metallic pipelines
- Leak location by acoustic methods or correlation
- Water loss analysis and development of a catalogue of measures for reducing water loss
- Subdivision of the water supply area into zones
- Planning of rehabilitation measures
- Electronic data processing, e.g. plan reconstruction by Computer Aided Design (CAD), network information systems, creation of hydraulic network models
- Establishing and implementation of standards, public relations
- Advising the waterworks on organizational matters

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