

Quality control of water distributed through drinking water networks



DESCRIPTION

Drinking water must comply with RD 140/2003, which details the health and hygiene criteria applicable for human consumption. A detailed planning of the sampling and analyses must be prepared in order to guarantee the sanitation of the entire supply.



OBJECTIVES

- Establishment of a scheduled sampling service as determined by the municipality's Self-management Plan, with the specification of the corresponding analytical parameters and their disposition, in real-time, as well as the issuance of the corresponding report once all the analysis parameters have been determined.
- Compliance with legal requirements of Royal Decree 140/2003.
- Provide the necessary tools to control the quality of water for human consumption.
- Participation in the National Drinking Water Information System (SINAC).



RESULTS / BENEFITS

- Water quality guarantee.
- Knowledge of possible sources of contamination.
- Compliance with RD 140/2003.



ACTIONS

- Definition and implementation of analytical control plan for drinking water, in accordance with RD 140/2003.
- Sampling according to UNE-EN ISO 17.025.
- Definition and Implementation of the Self-control and Management Protocol for Drinking Water Distribution Networks (DWDN).
- Monitoring and updating of PAGA.
- Training offer to train the drinking water distribution network handling staff.
- Completion of the National Drinking Water System (SINAC).
- Implementation of actions.
- Visit to the facilities to collect the necessary information for the design of the Self-Control and Management Plan.
- Preparation of an annual plan for the collection of samples and conducting of analyses, in accordance with UNE EN ISO 17.025.
- Assessment and evaluation of Self-Control Plan.
- Preparation of the technical dossier for submission to the corresponding Health Area.
- Generation of alarms for non-compliance of the analytical result.



TARGET

Public administrations, public companies and municipalities with competencies over the service.