



**TM.E. S.p.A**  
Termomeccanica Ecologia

Potabilisation plant of the basin  
**Liscia (Ss)**

The water to be treated is surface water that comes from the basin of Liscia, site near Arzachena (Province of Sassari). The work has been developed in two lots: the first lot has been undertaken to treat a flow of 560 l/s, while the second lot has a flow that has been incremented to 1,150 l/s.



Water treatment

*Potabilisation, Desalination and Remineralisation*



- **Name of the plant:**  
Potabilisation plant of Agnata for the aqueduct of Liscia – Arzachena

- **Place of installation:**  
Arzachena, Sassari (Italia)

- **Client:**  
Ente Sardo Acquedotto e Fognature (ESAF)

- **Plant description:**

- **First phase**

- Pre-chlorination system

- n° 2 clarifying basins with sludge recirculation
- n° 4 gravity sand filters
- post-chlorination section
- chemicals dosing system

- **Second phase**

- n° 1 microfilter unit
- n° 1 clarifying basin with sludge recirculation
- n° 4 gravity sand filters
- n° 1 ClO<sub>2</sub> unit
- integration of the system with chemicals dosage
- data transmission and control system

- **Plant flow:**

- first lot: 750 l/s

- second lot: 1,150 l/s

- **Scope of the contract:**

- basic and detailed design
- coordination for the execution of civil works
- procurement and supply of all the electromechanical components
- six months of plant operation and training of the client's personnel



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