



CASE STUDY (058-I-En)

Pharmaceutical Industry (Avlona – Viotia)

PROJECT DESCRIPTION

Brackish water treatment plant (1200 μ S/cm) for the production of 4 m³/h with conductivity <1 μ S/cm

DATE OF IMPLEMENTATION

January 2010

Equipment

- ✓ Feed water tank
- ✓ Feed pump
- ✓ Turbidity filter
- ✓ Double softener
- ✓ Active carbon filter
- ✓ Bag filter
- ✓ Reverse osmosis system with CIP system
- ✓ RO permeate water tank (2,4 m³)
- ✓ Caustic soda dosing
- ✓ Reverse osmosis
- ✓ Bag filter
- ✓ Electrodeionization device

Special Features

- ✓ Continuous water flowrate to reduce the risk of microbial growth
- ✓ INOX piping in the product water line of the Electrodeionization device
- ✓ System installation in a 40 feet, high cube Container with thermal insulation, lighting, ventilation and A/C
- ✓ Reject water from the 1st Reverse osmosis system is used for washing (softened water)

Since 1980, TEMAK has been at the side of industrial sector covering its needs with reliability and consistency, having a full range of certified water treatment products. Thanks to the systems manufacture in Greece and the high expertise of its specialized personnel, TEMAK is able to offer integrated water treatment solutions, from study and design to manufacture and installation of required systems.

The 750.000 m³/day of clean potable water or water for general uses, produced daily from TEMAK's installed systems in Greece and 26 abroad countries, constitute the proof of our experience and know-how in water treatment.