

CASE STUDY



INDUSTRIAL WASTEWATER TREATMENT PLANT FOR A COSMETICS FACTORY

DEVISE ENGINEERING S.A. designed, constructed and commissioned in 2013 a Packaged Wastewater Treatment Plant for the **Cosmetics Factory** of APIVITA in Greece.

This Package Wastewater Treatment Plant was specially designed to fit in a very restricted underground area and its purpose was to treat the wastewater effluent from the factory and meet the required EU standards for safe underground effluent discharge.

The Plant is capable of treating up to 25 m³/day of industrial wastewater with an average loading of COD = 4.000 mg/l, BOD₅ = 2.000 mg/l, TSS= 700 mg/l, TN= 90 mg/l, TP=12 mg/l.

This Industrial WWTP has been implemented using compact and prefabricated units in a great extent, thus offering an effective and high-tech solution in a very compact and modular way.

DEVISE specially designed and built the complete wastewater treatment solution which comprises of:

- Inlet Works (fine screening)
- Physical-Chemical Treatment Unit (DAF) in stainless steel
- Biological Treatment Unit, using MBBR-IFAS technology, DEVISE Model “10BIOMAX-3”
- Disinfection System and Sludge Dewatering Plant, type “bag filter unit”, Model “BAF-3

DEVISE ENGINEERING provides its clients Smart Water Solutions at a competitive price and guaranteed performance with the highest European Quality.



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