

**ASAŞ ALÜMİNYUM SAN. ve TİC. A.Ş.**

**Flat Product Factory Waste Water Treatment Plant and Process Make Up & Softening Plant**

**Contract**

Date : 04.07.2013

Period : 30.09.2014

**General Description**

- Manufacturing of Polypropylene / GRP Pre - Storage Tanks for oily Acid / Alkali wash and rinse water sourcing out from aluminium and galvanized Metal Processing Plant, Interconnecting piping between eloxal process tanks and Acid Recovery Plant,
- DAF and Continuous Chemical Treatment System at 25 m<sup>3</sup>/h capacity for Acid / Alkali wash and rinse water,
- Biological Treatment System at 30 m<sup>3</sup>/h capacity for "Chemically Treated waste water and domestic waste water,
- Neutralization of chemical gas by means of gas washing unit (gas scrubber),
- Supply of Chemical Storage and Dosing Systems for Waste Water Treatment Plant,
- Pre-treatment for well water at 160 m<sup>3</sup>/ h capacity, including Multilayer Filter and chlorination,
- 110 m<sup>3</sup>/ h capacity Softening Resin System with 2x %100 configuration,
- Demineralisation Plant with Reverse Osmosis of 10 m<sup>3</sup> / h permeat capacity,
- Supply of Chemicals Storage and Dosing System for Process Water Make – Up Plant,
- Full automation for Process Water Make – Up Plant and Waste Water Treatment Plant by means of PLC and SCADA systems,