

Engineering of a new chemical wastewater treatment plant in China to meet the very stringent COD discharge limits



Multi-stage treatment process, suitable to meet the very stringent COD limit in a reliable and cost effective manner

Customer

- * International chemical company
- * Production site for textile chemicals in China

Objective

- * Asia has one of the most stringent wastewater legislations worldwide. Especially for the chemical and pharmaceutical industry, this can be a challenging task. In the present case ecoSign was in charge of the designing and engineering of a new WWTP, in order to meet the very low discharge limit of 90 mg/l COD in a reliable manner.

Scope of ecoSign

- * Feasibility study of different treatment alternatives, including cost estimates
- * Elaboration of the chosen treatment process, also taking into consideration source control
- * Extended basic engineering together with the client's local engineering team

Your benefit

- * A multi-stage treatment process, suitable to meet the very stringent COD limit in a reliable and cost effective manner, was elaborated. Our client also benefits from ecoSign's broad experience with similar projects, so that the technically demanding process can be implemented successfully together with the client's local engineering team.