

Schaeffler France

Decision making assistance for industrial waste

Cetim expedites project management while reducing the risks of poor decisions and cost overruns by providing assistance to project owners.



OUR CUSTOMER

Corporate name
Schaeffler France

Activity
Production of precision parts for the automotive industry and all industrial sectors

Sales turnover
639 million euro

Workforce
2.470 people

Context
Established in Haguenau (Bas-Rhin), Schaeffler France manufactures bearings, linear guiding systems and produces fine-blanked parts. The company belongs to the german group Schaeffler. It is certified ISO 14001 and Emas

The elimination of industrial effluents in authorized centers becomes more and more expensive in particular since the supports to destruction, granted by the Water Agencies, are fewer.

For Schaeffler France, the annual costs reach about several hundreds of thousands euros. That's the reason why the company chose to study setting-up of a treatment plant for its effluents at its unit of Haguenau.

While reducing elimination costs, this solution should allow to eliminate aqueous rejects towards the sewer according to the “zero liquid

reject” concept, and to guarantee the environmental viability of the unit considering more constraining regulations. Cetim supported the company all along its approach: detection of the need by environmental analysis within the ISO 14001 framework; feasibility tests at Cetim, then on industrial site with Cetim's liquid waste processing pilot facilities (deoiler, electrocoagulator, vacuum evaporator, membrane technique pilot); assistance while setting up specifications (definition of the goals to be reached); analyzing together the proposals of suppliers and helping for the selection

of the most adequate solution; helping in determining the control requirements.

Results

The in-depth study undertaken by Cetim allowed Schaeffler France to prepare to change quickly its strategy if the economic balance of the treating is threatened. And finally an externalization solution was selected.

“Cetim's detailed study enabled us to know better the process solutions for treating our aqueous effluents. In fact, using this knowledge, we found on the German market companies which are specialized in waste disposal, perfectly qualified and very competitive”, explains Patrice Hommel, in charge of the department “safety & environment” at Schaeffler France.



**Cetim's
asset**

Cetim's
objectivity

and its competences
in the field of
treatments for fluids
used in mechanical
industries, collected
during thousands
of hours of tests,
constitute a help for
choosing the most
adequate facilities.