

Pressrelease

Planned Renovation of the Emissions Control Unit

Hitachi Zosen Inova's New Technology Will Reduce Energy Consumption at the KEZO Hinwil

Zürich, 30. März 2011 – A renovation of the existing emissions control unit at the Hinwil Waste Recycling Plant (KEZO) is planned within the next two years. To complete this step, an innovative new technology that is hallmarked by low energy consumption will be used for the very first time in Switzerland. Having beaten international competitors for the bid, Hitachi Zosen Inova is the technology firm that will drive the project.

The «Xerosorp+» process Hitachi Zosen Inova developed markedly reduces toxic emissions while offering considerable energy cost reductions: the cleaning unit operates, namely, without subjecting the catalyzer to the usual power-intensive reheating process. Further, a new heat exchanger will see considerably more energy recovered from emissions. Thus, the innovative process contributes in two ways to sustainable use of our daily waste.

Lower Operational Costs

The new technology also means a considerable reduction of operational costs at the waste recycling plant in the Zurich Oberland. Daniel Böni, Head of KEZO, says those savings counted among the reasons why the Zurich-based firm was chosen for the contract. "Ultimately, though, what convinced us most favorably was the short switch phase from the old to the new unit. The variant chosen will enable us to make the change with a very short standstill."

A Challenge to Planning

In the new unit, two bicarbonatedrying processes will replace the three existing wet cleaning systems. Georg Silbermann, CEO of Hitachi Zosen Inova, explains that the most notable challenges to planning were the limitations to the available space, and the need – during installation of the three combustion lines components – to remain fully operational. While targeting the unit's compact construction, the planning also showed that flexibility and readiness to accept innovation on the part of the unit operators were clearly required.

Swiss Expertise

In Hitachi Zosen Inova, KEZO is partnering with a firm that has been active for years in the area of waste recycling and energy retrieval from waste materials. The Hinwil project counts as the first large mandate in Switzerland for the former Von Roll Inova

– a company with a sound reputation that was founded in this country – since its appearance under the Hitachi Zosen name.

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