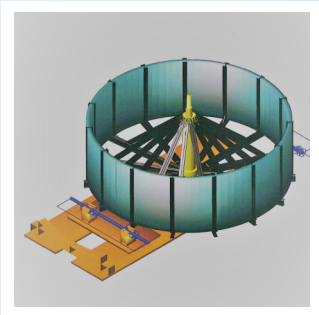


SHELL Netherlands Refinery BV / Jacobs Pernis Refinery - Refurbishment Drum Screen

Project
Information



Project Introduction

Hubert had been awarded the contract to overhaul a water intake screen for Pernis refinery, the largest refining site in Europe and one of the largest worldwide. Screening drums are part of the (brackish) water intake filtration system. It was a complex project from the removal of the complete screen, renovation under controlled conditions, to reassembly on site.

Hubert Supply

This overhaul project included the refurbishment and reassembling of the screening drum, which is designed to remove all unwanted parts of the feed water used for cooling. The screen originally supplied by Brackett Green, was completely removed from the civil construction and then transported to Hubert's workshop for an extensive renovation.

The drum screen has a diameter of approx 10 m and a width of approx 4 m, ensuring the fine filtration of water upstream of the intake pumps that feed the cooling circuit.

The renewed screen, designed for a lifetime of 20 years, was reassembled into the system of the plant, tested and then put into continuous operation again. The leadtime of this project was less than 1.5 years.

Hubert also renovated traveling band screens for the same client.

Key Figures

Location	Netherlands
Hubert Products	Drum screen
Materials	Screen structure coated carbon steel; filter screens aisi 316
Year	2012-2013



Company Profile

Hubert, founded in 1880, has almost 150 years experience in design & engineering, in-house manufacturing, installation & service of equipment for water purification and water intake applications. Our engineered products and technical expertise have enabled Hubert to become a major player on the global markets for water treatment solutions. We focus on high quality equipment with a long service life.

Over the years we gained an extensive number of satisfied customers & project references all over the world. Our machinery is a crucial part of every production facility and usually continuous in operation. Our equipment has to operate efficiently and reliably in extreme (weather) conditions. Hubert's installed base comprise many thousands of installations that have recently commissioned or that have been in operation for many years.

Below you can find more information about our divisional structure. We will be happy to hear about your project!

Our Divisions

Water Intake Systems

Hubert is market leader in water intake screening systems, used for mechanically clean water extracted from the sea, rivers or lakes. These systems can be found in power stations, petrochemical plants & refineries, desalination plants, drinking water & irrigation plants and industrial production plants requiring a huge demand of process water.

We supply complete complete 'screening trains' including all additional equipment, like controls and cathodic protection. We design, engineering and manufacture our equipment in-house.

You will find our projects in both new construction (EPC) projects and renovation & optimization of existing water intakes.

Waste Water Treatment Machinery

Hubert supplies waste water treatment machinery & (sub)installations applied in municipal and industrial waste water treatment plants. Our installations are of high quality and offer a long service life.

Clients range from water boards and authorities in the public sector, to multinationals in many industries.

Service & After Sales

Keeping your machinery operational. This is the daily work of our Service & After Sales division which proves its importance by keeping Hubert installations operational anywhere in the world. Founded in 1880, the large amount of projects that Hubert has carried out over the years has resulted in a huge installed base of equipment. Many of these are still in operation! We supply parts but also provide optimization and renovation of your existing equipment.

High-Spec Steel Assemblies

Hubert has been supplying both components and assembled parts to the offshore industry and other applications within the shipping and dredging industry for many years. Complex machined welding constructions, (sub) assemblies and complete products are part of our program.

For this market we work according to customer (mechanical) specs. Our scope includes parts in single pieces, series as well as assembled products.

