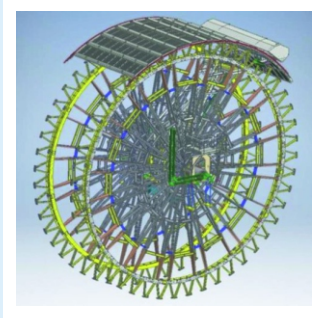


HUBERT

water treatment installations

EDF / Reel International Flamanville Nuclear Power Plant 1 & 2

Project
Information



Project Introduction

Hubert was awarded the contract for EDF's nuclear powerplant Flamanville 1 & 2 in France for replacement of screening drums via the collaboration with partner Reel International, known from their extensive experience in nuclear projects. Screening drums are part of the seawater intake filtration system. Hubert was responsible for ensuring that the specification was met for all deliveries in subcontracting. This project is a technical outstanding performance and consolidates & strengthens Hubert's position in this market segment.

Hubert Supply

This overhaul project included the replacement of the screening drum (also called drum screen), which is designed to remove all unwanted parts of the feed water used for cooling. The drum screen has an overall weight of 165T and has a diameter of 22m, ensuring the fine filtration of seawater upstream of the cold water intake pumps that supply the engine room cooling circuit.

The drum screen was assembled and tested on site in France, after which it was built into the system of the plant.

This new drum screen starts up for a little over eighteen months of non-stop operation and represents one of the major equipment important for the Flamanville's reactor safe running. The on-site water tests have completed this extraordinary project of five years. Hubert took also care of the renovation of the spray system, walkways and all maintenance platforms.

Our very first project discussions started with EDF and Reel International in 2013. In 2018, the first screen was successfully installed. More screening drums will be replaced coming years.

Key Figures

Location	France
Hubert Products	Drum screens
Materials	Duplex
Year	2013-2020



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.

