

HOBAS® Tank for New Incinerator Plant

Emergency oil leak tank DN 1200 installed in open trench in Vantaa, FI

When a Finnish energy company planned an emergency oil leak tank for a new incineration plant, they were aiming at a reliable high-quality product. HOBAS had the solution: A CC-GRP Tank DN 1200 was delivered, tested for leak-tightness and successfully installed within merely two days.

Based in the city of Vantaa immediately to the north of Finland's capital Helsinki, Vantaan Energia OY is one of the country's largest energy companies. In 2011, the company started with the construction of a new incinerator plant, which shall comply with the country's stringent environmental requirements. The incinerator plant will produce enough heat and power to serve the entire capital Helsinki and its surroundings.

A part of the project involved the installation of an oil leak tank next to a heating oil tank, which will feed the incineration plant's gas turbine. The turbine will keep the power and heat production stable even at varying amounts of combustibles. The investor placed a number of demands on this emergency tank: It should be easy to install underground, reliably leak-tight and able to bear high loads from trucks and heavy machinery. HOBAS had the ideal product for these requirements.

In summer 2013, HOBAS Poland supplied a CC-GRP Oil Leak Tank DN 1200, 12 m in length, with an inspection shaft DN 800 and a submersible pump. Thanks to the particularly corrosion and chemical resistant inner liner, it can handle very corrosive fluids and oil mixtures. The tank was delivered in two units and laminated together directly on site; its absolute leak-tightness was tested by HOBAS Experts. After only 48 hours, the HOBAS Emergency Tank was successfully installed and ready for use. The client was very satisfied with his decision and the project's quick and professional implementation by HOBAS Poland.

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Year of construction

2013

Construction time

2 days

Diameter

D_e 1229 / DN 1200

Pressure class

PN 1

Stiffness class

SN 5000

Application

Emergency tank for incineration plant

Installation method

Open cut

Client and contractor

Vantaan Energia OY

Advantages

Easy installation, reliably leak-tight, able to bear high loads

