PROJECT PDF

Willemen Groep
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High pressure Hydrotreater Esso Belgium - Antwerp

Project Details

Activities
Civil Engineering
Heavy industry

Contractors
Willemen Bouw

location
Polderdijkweg
2030 Antwerpen Belgium
Antwerpen BE

Client
Esso Belgium

Engineering Office
Foster Wheeler

Start work
11-2026



This project was part of a worldwide effort to expand and modify three refineries in Europe (including Antwerp) and the US to produce cleaner diesel. This increased the production of low sulfur diesel in these plants by over 22 million litres per day. The High Pressure Hydrotreater is a system that desulfurises diesel with hydrogen under high pressure.

In this context, the following work was performed:

- Site preparation works.
- Pile foundations.
- Concrete foundation slabs.
- Concrete supporting structures for machines.
- Earthing system built into the foundations.

Willemen Bouw

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Willemen Bouw was established on 30 April 2025 through the merger of Willemen Construct, Cosimco, Franki Construct and Tools.