



AEB (Afval Energie Bedrijf)
HR AVI Project (Netherlands)
Waste Fired Power Plant

Piping & Mechanical

Electrical & Instrumentation

Multi-technical

Modular construction

Induction bending

Piping prefabrication

Specialized fabrication

Owner

AEB (Afval Energie Bedrijf)

Client

AEB (Afval Energie Bedrijf)

Engineering

Fabricom & Tractebel Engineering

Location

Amsterdam, The Netherlands

Start date

November 2004

Completion date

February 2007

Contract value

32,000,000 €

Total manhours

270,000



Project description

City of Amsterdam's AEB (Afval Energie Bedrijf - Waste and Energy Company) processes the waste produced in Amsterdam and produces electricity, heat, metals and building materials from it. This company is also responsible for collecting and sorting domestic chemical waste, bulk waste and electrical appliances.

In order to raise the processing capacity of the Waste and Energy Company by approximately 500,000 tonnes per year, a new Waste Fired Power Plant (WFPP) was built. This represented a total investment of € 350 million.

Our scope

- Our scope within HR AVI project (Hoogrendement Afval Verbrandingsinstallatie) included the following:

Full process responsibility for steam, condensate, water and compressed air systems

Basic and detailed engineering

Procurement of all equipment and materials

3D PDMS application for total plant, all disciplines

Erection of Siemens turbine (equipment & piping)

Fabrication and erection of piping and mechanical equipment

Training, commissioning and start-up

