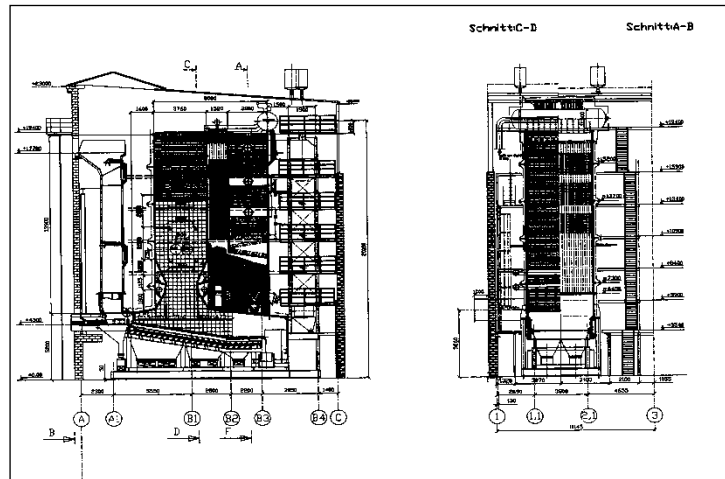


Refuse-derived fuel power plant Bremen-Blumenthal

Characteristics:

- Incineration capacity: 56,000 tpa
- Steam output: 36 t/h
- Power generation: 5 MW
- Fluidized bed reactor with fabric filter



Drawing of boiler details

Scope of Work:

- Professional technical consultation
- Assessment of the maintenance expenses

Description:

As part of the renewal of the industrial power plant, an existing coal-fired boiler was replaced by a boiler suitable for incineration of refuse-derived fuels (calorific fraction of municipal waste). Similarly, the flue gas cleaning was adapted to the new requirements. For this purpose, the plant received a fabric filter with an upstream airflow process.

The task of Dr. Born – Dr. Ermel was the technical consultancy with special consideration of expected maintenance expenses of the combustion of RDF.