

Good energy balance in Sternberg

Client

Cimbria Sket GmbH
Magdeburg

Construction / Assembly site:

Biodiesel plant Sternberg

KAEFER services

Heat insulation of an area the size of 50 tennis courts ensures a better energy balance in Sternberg.

Timeframe

February to August 2006

The biofuel plant in Sternberg produces some 100,000 litres of biodiesel a year from Mecklenburg rapeseed. Emissions of CO₂ from the combustion of biodiesel are much lower than from fossil fuels. Energy-efficient operations were a key consideration when the plant was planned and built in 2006. In just 6 months KAEFER installed an impressive 13,000 m² of thermal insulation. On behalf of the oil seed specialist Cimbria Sket GmbH (from 2011: CPM SKET GmbH), our technicians worked for 20,000 hours without accidents during the short construction period to complete on schedule the high-quality, tailor-made thermal insulation of the plant's pipes, containers and fittings.

> Heat insulation



> Cold insulation



> Noise protection



> Fire protection



> Scaffolding



Scope of work

- > 13,000 m² of heat and cold insulation on tanks, pipelines, vessels and fittings in a biofuel plant
- > Wall and roof insulation on tanks, including framework
- > Cladding of stainless steel sheet with polished surface

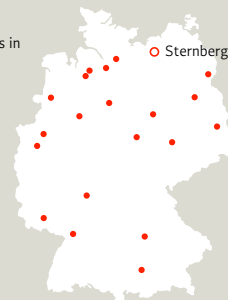
Implementation

- > 20,000 accident-free working hours over a 6-month construction period
- > Average of 12 KAEFER technicians working on site, with up to 20 at peak times

Customer benefits

- > Energy efficiency thanks to perfectly fitting insulation executed with first-class craftsmanship
- > Avoiding energy losses reduces operating costs
- > Short construction period thanks to sufficient staff resources from KAEFER
- > Weather-proof, long-lasting insulation of the entire site
- > Contributes to climate protection by reducing CO₂ emissions

Our locations in Germany



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Are you interested in more examples of our services? A selection of references is available from www.industrie.kaefer.com



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