

Biogas Product

Biogas Industry Experts



Stainless Steel Fabrications

Client: Yorkshire Water (Grontmij)

Location: Esholt WwTW

Project scope:

To supply a biogas reheater on an existing anaerobic digester plant.

Design Requirement:

To increase the temperature of 600m³/hr biogas flow by 20C using hot water from an existing source.

Products / Services supplied:

A tube/shell heat exchanger is 300mm diameter x 1000mm long with 200mm NP16 connection flanges manufactured in 316SS was provided.

The Reheater was designed, manufactured, pressure tested and packed ready for shipment at our Works.

Outcome:

The Reheater increased the biogas temperature and reduced the biogas relative humidity allowing the engines to run more efficiently.

