

Biogas Products

Biogas Industry Experts  Stainless Steel Fabrications

Client: JN Bentley (Yorkshire Water)
Location: Hull, Yorkshire, UK
Summary: Supply 4no 900kW heat exchangers

Project scope:

Biogas Products Ltd were contracted to design and manufacture 4no hot water to sludge tube/shell heat exchangers used to maintain digester temperatures.

Design requirement:

The heat exchangers were designed to raise the temperature of 260m³/hr sludge flow recirculation by 3C to maintain a digester temperature of 38C. The heat exchangers are manufactured in 304SS.

Products / Services supplied:

The heat exchangers were designed, manufactured and pressure tested at our Works before delivery to site. The heat exchangers are enclosed using removeable insulated panels for ease of maintenance.

Outcome:

Delivered to site as part of a wider £80M upgrade to the sludge treatment system. We also supplied two 1500m³ membrane gas holders for the same project.

