

Biogas Products

Biogas Industry Experts



Stainless Steel Fabrications

Client: GMT-Biogas

Location: Colony Farm, Cambridgeshire, UK

Summary: Supply and install rectangular gas holder

Project scope:

Biogas Products Ltd were contracted to supply and install 1 no rectangular gas holder to be fitted onto the concrete roof of a new 5MW gas to grid project.

Working for main contractor GMT Biogas, this be the first plug flow reactor design in the UK to use gas to grid technology.

Design requirement:

1 no 68m long x 24m wide x 6m high double membrane rectangular gas holder with approx. a 5000m³ capacity operating pressure 10mbar.

Products / Services supplied:

The gas holder was complete with duty/standby air blowers, air pressure control valves, viewing windows and gas membrane level sensors. All installed and commissioned by our own site installation team.

Outcome:

The gas holder provides storage and a constant system gas pressure supply to the gas to grid process.

