

Biogas Products

Biogas Industry Experts



Stainless Steel Fabrications

Client: ALG Biogas Ltd

Location: Supermix Ltd, Newtownstewart,

Project scope:

To supply a pvc membrane biogas storage dome

Design Requirement:

A double membrane PVC gas dome fitted on top of a 26m diameter concrete tank digester. The gas dome has a storage volume of 980m³ operating at a pressure of 6mbar. An insulating layer was included within the membranes to provide insulation.

Products / Services supplied:

The membrane gas dome was designed, manufactured and delivered to site. One of our Site Supervisors attended site and with assistance from the Client installed and commissioned the gas dome.

Outcome:

The gas dome provided storage and a constant system gas operating pressure. The insulating layer reduced the heat loss through the top of the digester by 50%.

