

BiOGAS Products

Biogas Industry Experts  Stainless Steel Fabrications

Client: ALG Biogas Ltd
Location: Supermix Ltd, Newtownstewart,
Value: £79,840

Project scope:

To supply a PVC membrane gas dome to fit on top of a 26m diameter concrete digester tank.

Design Requirement:

An 'insulated' biogas dome 4m in height with a volume of 980m³ operating at a pressure of 6mbar

Services provided:

Design, manufacture, install and commission.

Products supplied:

1 no PVC biogas collection dome, level sensor, viewing windows, air blower and control panel.

Benefits:

The insulating layer within the gas dome provides heat retention within the digester tank. The potential loss of heat has been reduced by 50%, a regular saving of 70kWe which will be used to fuel a digestate drying process.

