

# Biogas Products

Biogas Industry Experts



Stainless Steel Fabrications

Client: Nomenca (United Utilities)

Location: Oldham, Manchester, UK

Summary: Supply and install membrane gas holder

## Project scope:

Biogas Products Ltd were contracted to supply and install a 3000m<sup>3</sup> PVC membrane gas holder to replace an existing steel 'bell' type gas holder on a United Utilities site, Oldham WwTW.

Working for main contractor Nomenca Ltd, the installation was part of a £80M upgrade of the site.

## Design requirement:

A  $\frac{3}{4}$  sphere PVC double membrane gas holder with a capacity of 3000m<sup>3</sup> and an operating pressure of 15mbar.

## Products / Services supplied:

The membrane gas holder complete with duty and standby air blowers, viewing windows, gas holder level sensor, gas leak detection, air pressure control valves and a 4 post 'rolling sphere' lightning protection system was delivered, installed and commissioned by our own site installation team.

## Outcome:

The gas holder provides storage and a gas pressure in all operating conditions to maintain sufficient supply to the CHP gas boosters.

