



Glanua



#JOB-2444495



Warrington , United Kingdom,



No of positions : 1



Paid Position



39 hours per week



Negotiable



13/05/2026



10/06/2026

### How to apply

#### Application Method :

Please apply to the vacancy by the following means:

Email : [recruitment@glanua.com](mailto:recruitment@glanua.com)



Open your camera app & point here to view this ad online



## Construction - Process Engineer - (Anaerobic Digestion)

### Application Details

In order to work in Ireland a non-EEA National, unless they are exempted, must hold a valid employment permit. Please review the [Eligibility and requirements for an employment permit](#) if you are unsure of your eligibility to apply for this vacancy.

### Job Description

Main Purpose of the job:

As a Process Engineer at Marches Biogas you will have end to end responsibility for developing design solutions and process improvements, undertaking DSEAR assessments for plants both designed by ourselves but more increasingly for plants designed and built by others. The role will involve on-site surveys, ongoing relevant DSEAR and AD industry training, relevant research, developing ideas, designing solutions and seeing the solution through to commissioning.

Specific roles to include:

Liaise with customer about process design requirements

Create Process calculations

Create Process Flow Diagram

Create Piping & Instrumentation Diagram (P&ID)

Specify process equipment and record on process specification documentation

Participate in design reviews and risk assessments

Review and assess unfamiliar AD processes for the purposes of optimisation or safety reviews.

Key Areas of Responsibility

Design and Implementation:

Design solutions to implement innovative new ideas and support plant upgrades

Production of process and instrumentation diagrams to reflect agreed scope

Develop process specifications and associated equipment selection

Produce process calculations to confirm parameters, equipment sizing

Confirm pipework line sizes via head loss calculations in order to confirm pump and compressor requirements

Input into all phases of a project including initial business development and client and subcontractor liaison

Oversee the building and commissioning of projects

Client support:

Full site surveys covering equipment selection and process assessments

Undertaking site DSEAR assessments to highlight areas for improvement and compliance to industry best practice

Skills and Experience:

Ideally degree qualified in a relevant technical discipline, ideally an Engineering discipline

At least 2 years experience with proven track record, of creating process improvements

Understanding of the anaerobic digestion process

Familiar with the functions and capabilities of instrumentation

Understand and ability to create Engineering Line Diagrams/Process Instrumentation Diagrams

Understanding of engineering drawings

Basic knowledge of AutoCad 2D

Excellent knowledge and understanding of Microsoft Excel

Experience in understanding and providing head loss calculations

Working knowledge of pumping solutions and pump selection

Understanding of CDM responsibilities and associated health & safety requirements both in construction and in design

A keen interest in getting involved in all aspects of a project, both theoretical and practical.

Good communication skills

Prepared to travel

Full driving license

Knowledge legislative safety & design standards

Good problem solving skills

Team Player

Autonomous

To be able to work to tight deadlines

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- **Sector:** construction

### **Career Level**

- Not Required