**Glanua**

#JOB-2415379

Newmarket-On-Fergus, Co. Cork,

No of positions : 1

Paid Position

39 hours per week

To be Confirmed

07/10/2025

04/11/2025

## How to apply

Application Method :

Please apply to the vacancy by the following means:

Email : recruitment@glanua.com

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

# Construction - Process Scientist (Cork) (Galway)

## 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

The primary duties and responsibilities of Commissioning Process Engineer are outlined as follows:

Work as part of a team in the delivery of one or more projects at any one time, embracing the ethos of a "one team" culture.

Ensure Health, Safety, Environmental & Sustainability standards, policies and procedures are always adhered to on-site.

Support project delivery and process design teams in the development and preparation of process commissioning test documentation.

Support project delivery teams in the development and commissioning of water and wastewater treatment processes. The candidate will manage full life cycle of the process project from raw water river/influent samples to optimizing chemical dose rates to managing treated water results.

The role will involve performing jar testing across varying raw water quality to demonstrate which chemicals provide the optimum results across varying raw water and producing a process report on the data.

Based on jar testing and laboratory data, set initial process setpoints into the PLC/HMI/SCADA systems to ensure start-up levels of treatment and operation can be achieved.

Provide initial increased care phase post turn of flows to any new systems, monitoring the system and any alarms closely and responding as necessary in a timely manner.

- Continue to perform on-site testing and monitoring of the process to ensure operation is in line with performance criteria, make process adjustments as necessary, recording each adjustment and

reasoning for the process change.

The person will work with site operations/ commissioning teams to optimize process, making changes where these will improve water quality and making efficient use of and chemicals while keeping plants within standards.

Ensure data is being captured on PLC/SCADA system as well as on-site laboratory and external laboratory testing. Compile this data both during and at the end of the process commissioning and validation phases and draft a Performance Report for submission to the client.

Knowledge of wastewater treatment process and how best to optimize works will also involve screw press, belt presses and plate presses and centrifuge with poly adjustments and optimization

The role will also involve a hands-on approach to treatment plants with routine inspection, maintenance and calibration of both online and handheld equipment and instrumentation.

Answer any resulting queries or non-compliances arising from performance testing expeditiously.

Reviewing sludge treatment/dirty wash water processes and implementing any remedial measures to ensure discharge compliance.

Providing advice and guidance to recommend improvement actions in order to optimize plant performance and ensure the most cost-effective treatment is provided while maintaining quality objectives and targets

Introducing new processes, procedure

- **Sector:** construction

## Career Level

- Not Required

## Candidate Requirements

(Essential)

- **Minimum Experienced Required (Years):** 3

- **Minimum Qualification:**Level 7 (incl Diploma & Ordinary Bachelor Degree) **OR** Chemical, Water/Wastewater, Environmental Engineering or similar hands-on experience

(Desirable)

- **Ability Skills:** Administration, Analytical, Communications, Computer Literacy

- **Compentency Skills:** Collaboration, Decision Making, Flexibility, Initiative

- **Driving Licence:** Full: B