



Glanua



#JOB-2471396



Loughrea, Ballinrobe, Co. Galway,



No of positions : 1



Paid Position



39 hours per week



Negotiable



22/09/2026



20/10/2026

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



Glanua - Project Design Lead - Ultrapure Water / Advanced Water Treatment

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 Duties and Responsibilities:

Strategic Design Leadership

This role is a technical delivery-focused position, operating with a high degree of autonomy while working under the direction of the Head of Process & Hydraulic Engineering. The Process Design Lead - Ultrapure Water / Advanced Water Treatment is responsible for managing, coordinating and delivering defined packages of work, coordinating with other disciplines at regional level, and supporting senior, intermediate and junior engineers.

Develop and maintain a coherent design vision aligned with business objectives and long-term strategic goals.

Prioritise and lead high-impact design initiatives that enhance project outcomes and organisational capability.

Establish and refine consistent, efficient, and high-quality design workflows across all projects.

Promote a culture of innovation, sustainability, and continuous improvement within the design function.

Team Leadership, Line Management & Talent Development

Provide effective line management to the design team, including workload planning, performance management, and resource allocation.

Mentor, coach, and develop engineers and designers at all levels, enhancing technical capability, decision-making, and leadership skills.

Identify skills gaps and deliver structured development plans to build a high-performing, multidisciplinary team.

Foster a collaborative, knowledge-sharing culture that prioritises technical excellence and professional development.

Technical Design, Engineering & Equipment Assessment

Lead or oversee detailed technical assessments of advanced water treatment, high-purity water and process water equipment, ensuring appropriate specification, performance and integration into

system designs.

Manage technical interfaces across MEICA disciplines, coordinating input from Mechanical, Electrical, Instrumentation, Control & Automation teams to produce fully integrated, clash-free design solutions.

Work closely with ACC (Advanced Control & Communications) teams to develop intelligent, data-rich P&IDs and ensure accurate control-system integration within the design.

Develop and review process and hydraulic calculations across advanced water treatment systems, including ultrafiltration, nanofiltration, reverse osmosis, remineralisation, GAC, UV, chemical dosing, process-water storage, distribution and blowdown recovery processes.

Review membrane projections, antiscalant projections, recovery calculations, reject schedules, water balances and chemical dosing calculations for UF, NF, RO and associated treatment systems.

Define source-water quality requirements, treated-water quality limits, recovered-water acceptance criteria and reject / backwash / CIP waste requirements.

Assess scaling, corrosion, fouling and microbiological risks, including hardness, alkalinity.

- **Sector:** construction

Career Level

- Not Required

Candidate Requirements

(Essential)

- **Minimum Experienced Required (Years):** 10
- **Minimum Qualification:** Level 8 (incl Higher Diploma & Honours Bachelor Degree) **OR** Minimum Level 8 Honours Degree in Chemical, Water/Wastewater, Environmental, Process, Mechanical or a closely related Engineering discipline.

(Desirable)

- **Ability Skills:** Administration, Analytical, Communications, Computer Literacy
- **Competency Skills:** Collaboration, Decision Making, Flexibility, Initiative