



Glanua



#JOB-2409516



Lisbon, Portugal, Portugal,



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 - Electrical Design Engineer Wastewater Treatment Projects

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

Description

INDHP

Electrical Design Engineer - (Wastewater Treatment Projects) – Portugal (Lisbon) - New Design House

About Us:

Glanua Engenharia is the Portuguese-based Technical Hub of the Glanua Group, a leading provider of innovative and sustainable engineering solutions across Ireland and the UK. Established to support the design and delivery of critical water and wastewater infrastructure, our Lisbon office brings together expertise in Mechanical, Electrical, Automation, Process, and Structural Design. At Glanua Engenharia, we are driven by a shared mission to tackle environmental challenges and contribute to a cleaner, decarbonised, and more sustainable world.

The Role:

As part of our strategic growth, we are seeking an Electrical Design Engineer who will work as part of a multi-disciplinary engineering team to bring water and wastewater infrastructure projects from concept stage through to Construction. In this role you will work to develop engineering design solutions to meet the Client's needs following these through to the process commissioning stage to ensure the successful outcome of the project.

Duties and Responsibilities:

The main duties and responsibilities of the Electrical Project Engineer are outlined as follows:

Ensure Health, Safety, Environmental, Sustainability & Quality standards, policies and procedures are developed into all designs and design outputs.

Work collaboratively with other engineering disciplines in Process, Mechanical, Control & Automation, Civil and Structural to ensure an optimum design solution is reached.

Reporting to the Electrical Design Manager, design works include the compilation and review of M&I Listings.

Electrical load balances, MIC load calculations.

Medium Voltage design.

Generator design and sizing for back-up applications.

General electrical services design.

Lighting and emergency lighting designs.

Earthing and Lightning protection designs

Cable sizing/cable schedules.

Review I/O of listings.

Review of control panel drawings schematics.

Review of specialist reports on harmonics and selection of equipment to mitigate the harmonics.

Solar PV generation and battery storage and renewable generators for small applications.

Procurement of packages for LV works such as Main Distribution Boards, MCC's and control panels, automation hardware/software, starters, electrical installation works, earthing and lightning protection.

Procurement packages for MV works such as distribution transformers, MV switchgear and specialist design services for MV works.

Procure and manage 3rd party design consultants as required.

For all procurement packages, provide a technical and commercial review of tender returns, ensuring tender returns align to the required standards and demonstrate value for money. Provide a recommendation to procurement.

Provide a detailed and robust handover to site delivery teams including the close-out of any design comments or construction related queries.

- **Sector:** construction

Career Level

- Not Required