



BUILDING ENVELOPE TECHNOLOGIES

LIMITED



#JOB-2464306



Newtown, Ferns, Co. Wexford, Y21 Y2N8



No of positions : 1



Paid Position



39 hours per week



41000.00 Euro Annually



18/08/2026



15/09/2026

How to apply

Application Method :

Not available



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Mechanical/Sustainability Engineer/BER Assessor

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

Due to further growth & increased expansion Building Envelope Technologies, Ireland's leading air tightness, building performance & compliance specialists are now seeking candidates for the position of Mechanical/Sustainability Engineer to be based at our office in Ferns, Co. Wexford.

Requirements:

Suitable Qualification in Mechanical/Sustainability Engineering.

Knowledge of experimental thermal testing methods (desirable, not essential)

Strong analytical, computational, and problem-solving skills

Excellent communication and teamwork abilities

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Developing and implementing thermal models using analytical and numerical methods (CFD, FEA, lumped parameter modelling)

Conducting thermal simulations for components, systems, and full assemblies under various operating conditions

Analysing heat transfer, thermal stresses, and cooling requirements

Collaborating with mechanical, electrical, and design engineers to integrate thermal considerations into designs

Validating simulation models using experimental or real-world data and iterating designs to improve performance

Preparing technical drawings for use in calculations and reports

Producing clear reports, presenting findings, and making recommendations for thermal management strategies

Advising clients on building compliance, particularly TGD Part L & Part F (NZEB)

Supporting SEAI Grant Applications and energy upgrade works

Contributing to low-energy, low-carbon design strategies

Keeping up to date with latest thermal simulation tools, methods, and industry trends

The role will suit an ambitious junior/graduate engineer with a suitable background and interest in sustainability or somebody in the construction industry looking to re-train. A generous package is available for the right candidate

- **Sector:** construction

Career Level

- Entry Level