



Role: C&I Design Engineer – Renewable Gas
Area: AAI Asset Delivery
Sub-Area: Design Delivery
Location: Dublin/Cork
Salary: Competitive

Duration: 3 Year Fixed Term **Ref:** GNI107

Gas Networks Ireland operates and maintains Ireland's €3 billion, 14,758km national gas network, supplying reliable energy to more than 720,000 homes and businesses. The network delivers more than 30% of the country's total energy and 40% of its electricity generation.

We are dedicated to achieving net zero and advancing the energy transition through integrated planning and collaboration with the energy industry. To realise our vision and to be at the heart of Ireland's energy future, we are committed to transforming our network to achieve net zero carbon emissions onboarding biomethane and green hydrogen.

We have a proud legacy, and our values guide how we work every day - drawing on our experience, doing what's right for each other and our communities, and staying energised for the change ahead.

When you join Gas Networks Ireland, you become part of an organisation that invests in its people. We are committed to supporting your growth and wellbeing in a workplace where everyone can contribute and thrive.

The closing date for receipt of applications for this vacancy is 2nd of June 2026, and applications submitted after this closing date will not be accepted.

The Role:

The Asset Delivery function within Gas Networks Ireland is responsible for the end to end planning, designing and delivery of GNI's portfolio of asset development programmes. Encompassing the three pillars of Project Delivery Management, Design Delivery and Project Services; the Asset Delivery function brings together all the technical and project support capabilities needed to take high-level projects and programmes from the Portfolio Office and translate these through from detailed design and project planning, to construction delivery and handover to Asset Operations.

Reporting to the Senior Design Engineer C&I, the Design Engineer will have responsibility for the detailed design of renewable gas projects, across the gas Transmission and Distribution network. The Design Engineer will manage all aspects of the design and review design risks associated with outsourced engineering service providers, ensuring a high-quality design service is delivered to the Business. The successful candidate will have the ability to effectively diagnose technical issues and have knowledge of gas related process design. The Design Engineer will work

closely with Mechanical Design Engineers, outsourced C&I partners and Technical Assurance function ensuring alignment of the Design Delivery process from end to end to meet overall project or programme timelines.

Duties and Responsibilities:

- Design C&I renewable gas projects in line IEC 61511 & IEC 61508 , ability to complete associated design calculations in relation to gas standards, safety integrity assessments to deliver design aspects of renewable gas connections for existing and future gas network to meet design programme timelines.
- Act as Lead Designer for renewable gas connections to the network where the design is performed internally within GNI. Where the design is outsourced, provide comment on the design review process and review residual design risks for sign off.
- Support the design process to drive an outsourced hybrid design model to flex design capacity to meet renewable gas connections programme timelines.
- Support the continuous improvement of the design process tailoring material enquiry process to implement hybrid design process.
- Develop process and procedures for materials guidance document for Engineering Service Providers, contribute towards driving efficiencies within the design process.
- Ensure all design documentation is fully and accurately completed, develop appropriate procedures to ensure compliance with regulatory controls, where required.
- Contributing to the continuous improvement of internal operational processes and procedures including ISO: 9000 in the Design environment.
- Co-ordination of specialist technical services and third-party resources as part of the design process to complete control and instrumentation designs.
- Support Senior Design Engineers as required and Lead Designers of other disciplines within the Design Delivery process.
- Contributing to the ongoing competency initiative within Design Delivery.
- Ensure a robust process is in place in terms of design documentation for each programme or project from a design delivery perspective.
- Ensure all asset data is collected during the design and construction phase prior to asset commissioning.
- Support functional design process to meet requirements of functional safety instrumentation.
- Participate in HAZOP/LOPA studies, completed risk assessments as required as part of the design process for electrical control and instrumentation assets.
- Performing other duties as assigned from time to time.

Knowledge, Skills and Experience:

- Electrical / Instrumentation Degree in Engineering (Level 8) with a minimum of three years engineering experience, preferably in the natural gas industry.

- Technical proficiency in Instrumentation, Control System design, Cathodic Protection Systems, equipment specification and proficient in IEC 61511.
- Preferably will have a level of certification to TUV Rheinland in Functional Safety or commitment to achieve certification.
- Competent in Hazardous Area classification and ATEX certification.
- Have a strong working knowledge of Telemetry / SCADA systems.
- Competent in fiscal metering systems.
- Enthusiastic self-starter with a proactive approach to problem solving and process development.
- Excellent interpersonal and strong leadership skills and the ability to influence, advocate and persuade.
- Have a working knowledge of H&S standards and risk management systems e.g. Design Risk Assessment, HAZOP, etc...
- Have a working knowledge of relevant Gas Standards, Codes of Practice and Statutory Requirements.
- Proactively identifying new areas of learning and using newly gained knowledge and skill on the job.
- Driver of high standards for individual, team and organisational accomplishment and delivering desired results.
- Proven track record with dealing with complex issues, proactively and in a timely fashion, along with the ability to communicate complex information to others.
- Ability to set own high standards of performance and delivering desired results.

Equal Opportunities Employer

Gas Networks Ireland is an equal opportunities employer, committed to providing a diverse, inclusive, and supportive workplace. Through our ibelong framework, we work to ensure that everyone feels respected, valued, and able to contribute.

We welcome applications from all suitably experienced candidates, regardless of gender, age, racial or ethnic origin, membership of the Traveller community, religion or beliefs, family or civil status, sexual orientation or gender identity, or disability.

We also value diverse career journeys and warmly welcome candidates returning to the workforce or bringing non-linear experience, including transferable skills gained through life and professional pathways.

If you require any reasonable accommodations at any stage, please contact us at recruit@gasnetworks.ie and we will support you to ensure a positive and equitable candidate experience.

We offer hybrid working arrangements to help you balance work and life, and to support you in bringing your best to the organisation.

Gas Networks Ireland will only hold your data for as long as necessary. By providing a CV, you are agreeing for Gas Networks Ireland to process this information about you. If you have any queries about how Gas Networks Ireland processes your data, see our Privacy Notice or email dataprotection@gasnetworks.ie