



Role: Design Engineer Dx Connections

Area: AAI Asset Delivery

Sub-Area: Design Delivery

Location: Cork/Dublin

Grade: E (€51,596 - €77,394)

Duration: Specific Purpose

Ref: GNI152

Closing date: 12th October 2026

Gas Networks Ireland operates and maintains Ireland's €3 billion, 14,781km 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.

If your application is successful, your starting salary will be determined within the pay range based on your skills and experience. The market reference point (midpoint) of the range typically represents the higher end of the initial offer and reflects a level at which an individual is considered fully proficient in the role. This structure also allows scope for ongoing salary progression as the employee continues to gain experience and develop in the position.

To apply, email your application, including your CV, to recruit@gasnetworks.ie, quoting the job title and reference number in the subject line.

The Role:

The Design 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 two pillars of Project Delivery Management and Design Delivery; 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 DX Connections, the Design Engineer DX Connections will be responsible for producing detailed designs and drawings, estimating the cost of projects, identifying work prerequisites including materials requirements, applying standardised design templates and developing bespoke design solutions for new designs where appropriate. The successful candidate will have the ability to effectively diagnose technical issues and the ability to lead multi-disciplinary teams. The Design Engineer DX Connections will also perform site visits as necessary.

Duties and Responsibilities:

- Production of Distribution estimates and detailed distribution designs for customer work. and gaining estimate approvals, whilst ensuring compliance with approved GNI processes and procedures.
- Conduct the preliminary assessment of each project to identify the scope of work.
- Identify any statutory or internal pre-requisites such as licenses and permits, planning, archaeology, environmental screening, wayleaves, non-routine operations.
- Conduct localised modelling analysis for projects using the Gasworks and Synergi software.
- Complete Design Stage Risk Assessments, including ATEX requirements and Environmental Risk Assessments.
- Liaise with internal and external stakeholders (e.g., Business Development, Asset Delivery, Asset Operations, Financial Control & Planning, HSQ, Land & Consents, Businesslink, Local Authorities, Clients etc.).
- Application of the Compatible Unit Library (rate card), ensuring material inventory costs and labour rates are correct. Develop library of pro-rata costs for non-standard works e.g., construction costs.
- Carry out detailed estimates on Maximo within agreed timelines, ensuring SLA performance targets are met.
- Perform Net Present Value (NPV) analysis for small projects and medium projects and consequently determining the customer contribution in IUS.
- Responsible for sign-off/approval of designs/estimates completed by the DX Connections team and ESP's (Engineering Service Providers).
- Contribute to Expenditure Approval Committee (EAC) papers to attain PD03 financial approval for technically approved designs.
- Research the network, considering future land development and Commission for Regulation of Utilities Connection Policy requirements when designing gas connections.
- Create design drawings and design specifications on GIS software for issuing to internal and external stakeholders.
- Support the GIS data capture process for Distribution network data, including QA/QC processes.
- Partaking in the ongoing development of estimation and design related processes and procedures.

- Work as part of the DX Connections team to deliver excellence in estimation/design practice.
- Supporting team development in areas such as cross-skilling within Design Delivery, which allows greater resource flexibility whilst minimizing requirement for external costs.
- Raising risks and issues as appropriate to Senior Design Engineer(s).
- Preparing and circulating periodic project status reports as required.
- Assist the Senior Design Engineer in the ongoing management of the estimation function, whilst ensuring customer focus.
- Attending site as necessary on a project by project basis.
- Other duties as may be assigned from time to time.

Knowledge, Skills and Experience:

- Proven technical competence is essential – Engineering degree or relevant level 8 qualification required with a minimum of 3 years relevant experience, preferably in the natural gas or similar industry.
- You will have knowledge of the engineering design process and an understanding of process safety in the application of designs.
- Enthusiastic self-starter with a proactive approach to problem solving and process development.
- Strong analytical and commercial acumen with high level of computer literacy.
- Ability to set high standards, by encouraging others to assume responsibility and accountability for tasks
- Ability to set up ongoing procedures to collect and review information as needed.
- Have a working knowledge of H&S standards and risk management systems e.g. Design Risk Assessment, ability to identify hazards and eliminate in the design process.
- You will have demonstrated judgment and decision making capability to achieve common goals.
- You are comfortable with taking the initiative and constantly seek out opportunities to learn new skills.
- You will have experience of working within teams and across virtual teams to deliver on shared goals and objectives.
- Knowledge of relevant Gas Standards, Codes of Practice and Statutory Requirements would be desirable.
- Full clean driving licence with flexibility to travel to project sites and stakeholder locations as necessary.

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

Applications submitted after the closing date will not be accepted.



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50 Years
of Moving
Ireland's Energy

