**Role:** Senior Design Engineer - Compressors

**Area:** AAI Asset Delivery

**Sub-Area:** Design Delivery

**Location:** Dublin/Cork

**Salary:** Competitive

**Duration:** 3 Year Fixed Term **Ref:** GNI942



Gas Networks Ireland operates and maintains Ireland’s €3bn, 14,725km national gas network, which is considered one of the safest and most modern renewables-ready gas networks in the world.

Almost 725,000 Irish homes and businesses trust Ireland’s gas network to provide efficient and reliable energy to meet their heating, cooking, manufacturing and transport needs.

The gas network is the cornerstone of Ireland’s energy system, securely supplying more than 30% of Ireland’s total energy and over 40% of the country’s electricity generation.

Gas Networks Ireland is aiming to deliver a repurposed, resized and fully decarbonised gas

network by 2045. Its “Pathway to a Net Zero Carbon Network” envisions transforming the

existing gas network into two separate systems carrying 100% renewable gas, one

dedicated to biomethane and the other to green hydrogen, with the potential to carry

approximately 30% biomethane and 70% green hydrogen, as well as offering significant long

term energy export opportunities.

Gas Networks is an organisation with a very strong legacy and a culture founded on pride in

our purpose, to keep Irelands energy moving, and commitment to our vision, to be at the

heart of Irelands energy future. Our organisational values demonstrate what is important

across the organisation including building on our experience across our organisation to build

towards our sustainable future, doing what's right for each other and for the people and

communities that we serve and finally energised for the change of our future towards a

renewable energy landscape. Throughout your career in Gas Networks Ireland, you will be

part of an organisation that has a strong commitment to supporting and developing our

workforce today and into the future. You will also have an opportunity to get involved in our

ambitious iBelong programme ensuring a diverse, equitable and inclusive environment for us

all to thrive. Finally, our Time to Talk Mental Health programme and our wellbeing initiatives

ensure we provide support across many areas as you work in our organisation.

Gas Networks Ireland is now seeking to appoint a Senior Design Engineer – Compressors who will manage and complete designs for refurbishment or new builds for compressor fleet on the Transmission network.

**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. 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 Design Delivery Lead - Compression & Renewable Gas (Tx/Dx), the Senior Design Engineer for Compressors will have responsibility for the detailed design of capital projects for modifications, refurbishment, upgrades including reactive operational works that require design input. The Senior Design Engineer will manage the mechanical design of the compressors i.e. design that supports gas turbines such as suction and discharge pipework, coolers, filters, metering, control and instrumentation in addition to modifications to the AGI’s on the onshore SWSOS network. The successful candidate will have the ability to lead a team, to effectively diagnose technical issues and have knowledge of gas related process design. The Senior Design Engineer Compressors will work closely with other Senior Designers to ensure alignment of design process, procedures, methodology to ensure consistency of design across the gas network.

**Duties and Responsibilities:**

* Lead a team comprised of internal design engineers, seconded engineers and engineering

service providers to deliver the design of compressor capital works to meet programme timelines.

* Designer of projects from first principles, ability to complete design calculations in line with the Engineering Design Manual, gas standards, hazardous area calculations, utilising external engineering design support services and technical specialists to deliver design aspects of capital or operational projects.
* Designer for compressor projects including developing specifications for material procurement. Where the design is outsourced, review, validate, appraise and provide comment on the outsourced design and review residual design risks for sign off.
* Provide technical design expertise to project engineers who manage the planning and construction of compressor projects.
* Develop specifications for materials for tender documents, provide technical input to the procurement process, tender clarifications with vendors and set out design requirements for contract documents.
* Conduct review of drawings or reports for compressor station design, alignment of drawings to internal asset management system and field drawings.
* Manage and attend factory acceptance testing or site acceptance testing for materials for the compressor fleet (travel to UK or Europe).
* Manage the HAZID or HAZOP process for compressor design, which requires site attendance for the compressor fleet in Scotland.
* Support the continuous improvement of the design process tailoring material enquiry process to implement hybrid design process.
* Ensure all design documentation is fully and accurately completed, asset data, develop appropriate procedures to ensure compliance with regulatory controls, where required. Provide technical documentation to Design Category Specialists to support internal approvals and procurement process of materials and engineering frameworks.
* Contributing to the continuous improvement of internal design processes and procedures including ISO 9001 in the Design environment.
* Comply with appropriate controls for environmental, planning, sustainability, or other statutory or corporate conditions, mitigations as part of any consenting process and embed sustainability into the design process.
* Ensure a robust process is in place in terms of design documentation for each programme or project from a design delivery perspective.
* Performing other duties as assigned from time to time.

**Knowledge, Skills and Experience:**

* Degree in Engineering (Level 8) with a minimum of five years engineering experience,

preferably in the natural gas industry.

* Experience of working within teams and across virtual teams to deliver on shared goals and objectives.
* Technical proficiency in process design and pressure equipment specification.
* Knowledge of public procurement and the Utility Directive.
* Excellent interpersonal and leadership skills, and the ability to influence, advocate, persuade, coach and develop others to meet high standards
* Proactive in identifying new areas of learning and using newly gained knowledge and skill on the job, facilitating implementation and acceptance of change within the workplace.
* Experience with identifying improvement opportunities, generating ideas and implementing solutions.
* Have a working knowledge of H&S standards and risk management systems e.g. Design

Risk Assessment, HAZID/HAZOP/HAZCON, LOPA, ALARP principles, FMEA.

* Have a working knowledge of relevant Gas Standards, Codes of Practice and Statutory

Requirements.

* Proven track record with dealing with complex issues, problem solving, in a timely fashion, along with the ability to communicate complex information to others.

**Applications, including current Curriculum Vitae, should be emailed to the following address stating the job title and reference number in the subject line of your email:** recruit@gasnetworks.ie

The closing date for receipt of applications for this vacancy isthe

**8th of August 2025**

Please note that applications submitted after this closing date will not be accepted.

**Gas Networks Ireland is an equal opportunities employer**
***We are committed to providing a diverse and inclusive place of work and have a robust strategy and framework called ibelong to enable this. We are an equal opportunity employer and through our recruitment process we welcome and encourage applications from interested and suitably qualified individuals regardless of gender, age, racial or ethnic origin, membership of the traveller community, religion or beliefs, family or civil status, sexual orientation/gender identity or disability.***

**GNI will only hold your data for as long as necessary.  By providing a CV to GNI you are agreeing for GNI to process this information about you. If you have any question about how GNI processes your data please see our** [**Privacy Notice**](https://scanner.topsec.com/?d=2233&r=show&u=https%3A%2F%2Fwww.gasnetworks.ie%2Fhome%2Flegal%2Fprivacy-policy%2F&t=dd68957acffb502816608a16478be0482ed0e8f4)**.   If you have further questions, you can contact us at** **dataprotection@gasnetworks.ie**