**Role:** Design Engineer – Mechanical Tx

**Area:** AAI Asset Delivery

**Sub-Area:** Design Delivery

**Location:** Cork/Dublin

**Salary:** Competitive

**Duration:** Permanent **Ref:** GNI943



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 Mechanical Design Engineer to work within the Transmission Price Control design team.

**The Role:**

The Asset Delivery function within the Assets and Infrastructure (AAI) Pillar of 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 a Senior Design Engineer, the Design Engineer will have the responsibility for the detailed design of CAPEX projects across GNI’s Transmission Network (TX) sites and pipelines, potential sites for renewable gas networks entry facilities, as well as providing support to reactive operational works that require design input. 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 preferably have knowledge of gas related process design. The Design Engineer will work closely with the C&I 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 projects from first principles, ability to complete design calculations in relation to gas standards, proximity assessments and hazardous area calculations, utilise engineering service providers (ESP’s) and technical specialists to deliver design of CAPEX Projects.
* Act as Lead Designer for CAPEX projects 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 project programme timelines.
* Support reactive operational works where design input is required
* 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 ESP’s, 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.
* Drive sustainability within the design process
* Co-ordination of specialist technical services and third-party resources as part of the design process.
* Support Senior Design Engineers as required and Lead Designers of other disciplines within the Design Delivery process.
* Comply with appropriate controls for environmental, planning or other statutory conditions, mitigations as part of any consenting process.
* Contributing to the ongoing competency initiative within Design Delivery.
* Ensure a robust process is in place for the management and control of design documentation for each programme or project.
* Performing other duties as assigned from time to time.

**Knowledge, Skills and Experience:**

* Engineering degree (Mechanical, Civil, Process, Mechatronics & other related disciplines).
* 3 years’ post-graduation experience in an Engineering role is desirable.
* Relevant experience in natural gas, process industry or utilities is preferred, however candidates who can demonstrate proven technical competence will be considered.
* Experience of working within teams and across virtual teams to deliver on shared goals and objectives.
* Knowledge of the engineering design process and an understanding of process safety in the application of designs.
* Excellent interpersonal and leadership skills and the ability to influence, advocate and persuade.
* Capable of applying judgment and decision-making capabilities to achieve common goals.
* Ability to set up ongoing procedures to collect and review information as needed.
* Proactive in identifying new areas of learning and using newly gained knowledge and skill on the job.
* 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, ability to identify hazards and eliminate same in the design process.
* Knowledge of relevant Gas Standards, Codes of Practice and Statutory Requirements is desirable.

**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](mailto: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**](mailto:dataprotection@gasnetworks.ie)