



Role: Methane Emissions Engineer
Area: COO- Network Operations
Sub-Area: Network Operations
Location: Dublin/Cork
Salary: Competitive
Duration: 2-Year Fixed Term **Ref:** GNI926

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 Ireland's energy moving, and commitment to our vision, to be at the heart of Ireland's 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.

The Role:

The Network Operations team within Asset Operations is responsible for the safe and reliable operation of the Network on a 24-hour basis. The Gas Transportation team within Network Operations is responsible for ensuring the effective measurement and reconciliation of gas being transported on the GNI Network.

GNI is seeking a Methane Emissions Engineer to ensure compliance with the EU Methane Regulation. Reporting to the Gas Transportation Manager, this role involves developing and

implementing strategies to meet the EU Methane Regulation reporting requirements, preparing and submitting annual reports on methane emissions, and engaging with stakeholders to gather and report the required information. The Methane Reporting Engineer will work closely with the programme team charged with ensuring delivery of the Methane Regulation requirements to ensure that monitoring, reporting, and verification obligations are effectively delivered. This role will have an impact on GNI's ability to reduce methane emissions and meet its sustainability goals.

Duties and Responsibilities:

- **Strategy Development:** Formulate and implement comprehensive strategies to meet the EU Methane Regulation reporting requirements, ensuring all obligations are met. This should be data-driven and based on latest industry standards.
- **Best Practice and Benchmarking:** Engage with external working groups and other TSO's and DSO's & refer to standards to drive best practice within GNI.
- **LDAR Program Documentation:** Document the progress and implementation of leak detection and repair (LDAR) programs & venting and flaring occurrences.
- **Technical Expertise:** Develop and deliver effective GNI-specific quantification methodologies for methane emissions.
- **Stakeholder Engagement:** Collaborate with internal teams and external stakeholders to gather accurate data and ensure comprehensive reporting.
- **Annual Reporting:** Prepare and submit detailed annual reports on methane emissions, including source-level data and mitigation measures.
- **Verification Coordination:** Engage with external verifiers to ensure the timely delivery of annual verification statements.
- **Project Participation:** Attend relevant project meetings and contribute to the successful delivery of the Methane Regulation requirements.
- **Develop Reporting Pathway:** Develop a communication framework for annual and periodic communication with the competent authority.
- **Continuous Improvement:** Identify opportunities for process improvements and implement changes to enhance operational efficiency and compliance

Knowledge, Skills and Experience:

- Bachelor's degree in environmental science, engineering, or a related field.
- Proven experience in environmental compliance, particularly with EU regulations.
- Strong understanding of methane emissions and their impact on climate change.
- Excellent analytical and problem-solving skills.
- Proficiency in data analysis and reporting tools.

- Strong communication and collaboration skills.
- Ability to work as part of the Gas Transportation team and implement continual improvement where and when required.
- Strong report writing and document preparation skills.
- Ability to create and develop good working relationships to facilitate the accomplishment of work goals.
- Ability to set up ongoing procedures to collect and review information as needed to be successful in your role.
- Proactively identifying new areas of learning and using newly gained knowledge and skill on the job.
- Ability to set own high standards of performance and deliver desired results.

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 is the
Thursday 16th July 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. If you have further questions, you can contact us at dataprotection@gasnetworks.ie