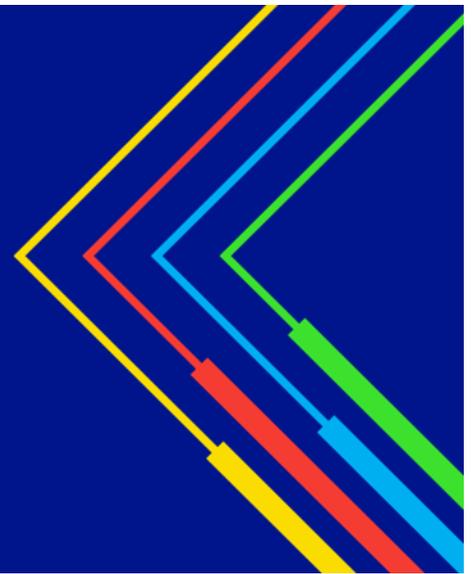


FutureGrid Technical Specialist – Hydrogen Spadeadam, Cumbria



The FutureGrid Programme

To achieve our commitment to reaching net zero by 2050, we need to consider how we can deliver low carbon energy reliably and safely to all consumers.

One route we are exploring is through our FutureGrid programme. FutureGrid aims to demonstrate how we can re-purpose our existing National gas transmission system to enable it to transport hydrogen. We will do this by building an offline hydrogen test facility at DNV-GL's research facility at **Spadeadam in Cumbria**.

[Click here to read more](#) about the FutureGrid programme or [click here to watch our video](#).

National Grid are an equal opportunity employer and welcome applicants from a range of diverse experience and background. Where possible, we work in a flexible manner to maintain a positive home life balance.

About the Role

We have an excellent opportunity for a **Technical Specialist (Hydrogen)** to join National Grid Gas to work on the FutureGrid Programme.

As the FutureGrid Hydrogen Technical Specialist, you will provide leadership to the FutureGrid team regarding the assessment of gas transmission systems and providing prior experience of hydrogen interactions with gas transmission network systems. The consortium team includes a wide variety of companies with a wide range of capabilities that will need to be managed through the Test and Assessment activities.

In this role, you will work closely with our internal teams to ensure the resulting facility fulfils our requirements and provides a base for all future HyNTS activity.

Key Accountabilities:

- Act as the principle accountable person for providing an excellent standard of service to the FutureGrid Consortium for 'Hydrogen technology development';

- Offer provision to the FutureGrid team for test and assessment project support, asset health and system scoping, reviewing and updating our suite of standards, innovation development and delivery and compliance team activities;
- Establish and implement a Service Level Agreement (SLA) with Engineering for the technical support service provision where required and to enable the use of the FutureGrid facility for any asset development and training requirements;
- Where directly accountable for opex and capex costs, establish a phasing to spend and an accurate method of forecasting in order to meet the FutureGrid budget;
- Develop forward looking plans to ensure testing of future Hydrogen technologies can be undertaken past Phase 1;
- Provide inspirational leadership and management driving safety, work efficiency, compliance and performance excellence through a sustained culture of continuous improvement.

About You

We're looking for someone who has knowledge/experience in:

- Gas transmission and its assets;
- Operational or technical asset management in gas transmission or petrochemical environments;
- Relevant codes and practices and determination of appropriate solutions for engineering or asset issues;
- National Grid gas safety management systems including incident control and management;
- Budget control and management.

You will need to be able to demonstrate:

- An appreciation of **commercial and industry drivers** within the gas market;
- The ability to **deliver projects efficiently and effectively**, in a timely and safe manner, leading and managing cross-functional teams;
- An understanding of who the **customers** are, proactively engaging with them to understand their specific needs;
- An awareness of who your **key stakeholders** are, liaising with them to ensure optimal facility delivery;
- **Confident communication skills** with the ability to articulate complex information to a wide range of audiences.

It is **essential** that you hold a full UK driving licence and educated to a minimum of degree level (or equivalent) in an engineering discipline.

It is **preferred** that you hold a membership to or are working towards membership of a relevant professional body e.g. IGEM/IMechE.

Prior experience in Hydrogen is **essential** and prior experience in Methane Gas Network projects is **desirable**.

What You'll Get

A competitive salary between **£48,300-£61,300** dependent on capability.

As well as your base salary, you will receive a bonus based on personal and company performance and a competitive contributory pension scheme where we will double match your contribution to a maximum company contribution of 12%. You will also have access to a number of flexible benefits such as a share incentive plan, salary sacrifice car and technology schemes, support via employee assistance lines and matched charity giving to name a few.

Further Information

Opportunity Type: 2-year fixed term contract

Location: Spadeadam, Cumbria – however, the successful candidate can be based elsewhere on the basis that they are willing to travel regularly to Spadeadam, Cumbria, including overnight stays (up to 3-4 days a week).

Closing Date: See job posting on careers site

Expected Start Date: April 2021