



As part of National Grid's continued commitment to safety, all new hires must be fully vaccinated against COVID-19. Anyone unable to be vaccinated, either because of a sincerely held religious belief or medical reason can request a reasonable accommodation.

## About us

**National Grid is hiring an Engineer, Gas Asset Engineering for our Gas Transmission Engineering department. This position can be located in either Melville or Syracuse, NY.**

Every day we deliver safe and secure energy to homes, communities, and businesses. We are there when people need us the most. We connect people to the energy they need for the lives they live. The pace of change in society and our industry is accelerating and our expertise and track record puts us in an unparalleled position to shape the sustainable future of our industry.

To be successful we must anticipate the needs of our customers, reducing the cost of energy delivery, today and pioneering the flexible energy systems of tomorrow. This requires us to deliver on our promises and always look for new opportunities to grow, both ourselves and our business.

National Grid is hiring an Engineer, Gas Asset Engineering for our Gas Transmission Engineering department in Syracuse, NY.

<https://jobs.nationalgrid.com/job-invite/30187/>

National Grid is hiring an Engineer, Gas Asset Engineering for our Gas Transmission Engineering department in Melville, NY.

<https://jobs.nationalgrid.com/job-invite/30189/>

## Job Purpose

The core of our business consists of asset management; risk management; data management; design review; strategy and planning; decision making; management of change; and code compliance for pipelines designed to operate at pressures in excess of 124psi.

The Integrity Verification Program team develops and implement policies, work methods, construction standards, and material specifications to ensure compliance with federal and state regulations, technical codes and standards, industry best practices, and our overall business objectives to operate the gas system safely, reliably, and efficiently.

The IVP team, following federal and state rules and regulations, includes the review of the material, welding, and pressure testing records; and the development of methodologies to address gaps in records of existing transmission pipelines by 2035. Integral to our Integrity Verification Program are Material Verification (ref §192.607) and MAOP Reconfirmation (ref §192.624).

## Key Accountabilities

Position Responsibilities (including but not limited to):

- Identification of pipeline risk and development of mitigation strategies
- Maintain register of existing pipelines and corresponding linear attributes
- Review and approve specifications, work methods, and policy documents
- Verify as-built project documentation
- Coordinate Class Location studies and HCA analysis
- Execute Management of Change Program
- Coordinate the Material Verification Program and the Maximum Allowable Operating Pressure Program

## Qualifications

- Bachelor's degree in Engineering (Mechanical, Civil, or Material Science) from an ABET accredited program/engineering school required
- 3+ years of professional engineering experience required
- Professional Engineering (PE) License or EIT Certificate preferred
- Knowledge of Cathodic protection or NACE certification preferred
- Knowledge of pipeline welding practices or AWS certification preferred
- Experience in Data Management, Risk Management OR Asset Management OR Safety Management Systems preferred
- Working knowledge of Title 49 CFR Part 192 and Title 16 NYCRR Part 255 preferred
- Knowledge of industry practices of the transportation of natural gas by pipeline preferred
- Experience with GIS (ESRI, Arc-Fm; Arc-GIS) preferred
- Valid driver's license required

Please be advised that due to the nature of this position, incumbents are subject to federal Drug & Alcohol safety regulations governing US Department of Transportation ("DOT") covered positions, including the Federal Motor Carrier Safety Administration (FMCSA) and Pipeline Hazardous Material Safety Administration (PHMSA). As such, the Company's testing programs and policies regarding the use of federally prohibited drugs or alcohol, for recreational or medical purposes, will remain in effect for these safety-sensitive, DOT covered positions.

This position has a career path which provides for advancement opportunities within and across bands as you develop and evolve in the position; gaining experience, expertise and acquiring and applying technical skills.

Candidates will be assessed and provided offers against the minimum qualifications of this role and their individual experience.

**National Grid is an equal opportunity employer that values a broad diversity of talent, knowledge, experience and expertise. We foster a culture of inclusion that drives employee engagement to deliver superior performance to the communities we serve. National Grid is proud to be an affirmative action employer. We encourage minorities, women, individuals with disabilities and protected veterans to join the National Grid team.**