



National Grid is hiring a Lead Engineer for our LNG (Liquid Natural Gas) Operations department in Tewksbury, MA.

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.

Job Purpose

- Conduct audits, inspections, risk analysis, and variety of reporting and training across LNG (Liquid Natural Gas) facilities in order to ensure high levels of regulatory and company policy compliance.
- Perform technical investigations and administrative tasks related to LNG (Liquid Natural Gas) Operations and maintenance.
- Analyze, identify and take appropriate actions to correct unsatisfactory system and plant conditions to improve plant performance.

Key Accountabilities

- Provide technical engineering support to plants in order to ensure full regulatory compliance with applicable laws and codes
- Conduct internal plant inspections and develop recommendations in order to address any compliance deficiencies
- Provide expertise to LNG plants around a variety of plant procedures (e.g. Emergency, Security, General, Isolation, Operating, Maintenance) and code required drills (e.g. spills, gas vapor leaks, fire, plant damage, operation of ESD system, emergency notification, safe plant shutdown, etc.) in order to ensure LNG plants are fully compliant with company policies and regulatory requirements
- Maintain plant inspection documentation and reporting program in order to ensure that the plants have up-to-date and accurate documentation to support compliance with the relevant codes and effectively manage performance
- Stay abreast of changes to codes, company policies and developments in the industry in order to ensure that the LNG plants implement any required changes and continue to improve compliance procedures
- Conduct risk assessments with plant management in order to identify and assess plant risks
- Manage Capital Improvement Plan processes in order to ensure that capital dollars are optimally invested in LNG plant improvements
- Assist management in keeping regulators up to date and informed on National Grid's LNG compliance programs in order to ensure they are managed appropriately and in line with requirements
- Investigate system performance problems and with Engineering, develop system modifications as needed

- Interface with other company departments as well as external contractors and vendors in the performance of plant operations and maintenance
- Conduct equipment tests, analyze the results and prepare recommendations for corrective actions
- Oversee company or contractor work force in the performance of plant modifications, maintenance and repairs
- Monitor all plant operating and environmental conditions through regular inspections and review of logs
- Be “on call” on a regular scheduled basis during weekends and off hours to respond to plant contingencies
- Become proficient in the Process Safety Management system relative to LNG Operations. You will be required to actively participate in competency training modules arranged by the Process Safety Group and LNG Operations to increase your knowledge in the following areas:
 - o Become familiar with the term Major Accident Hazard sites
 - o The 12 company process safety Risk Control Standards
 - o The Key Performance Indicator process
 - o Awareness of the company’s US & UK Process Safety Groups
 - o Participate in the various layers of the Process Hazard Analysis function
 - o Assist as requested in the performance of Risk Hazard Assessments for any of the LNG plants
 - o Promote the process safety values to all employees

Qualifications

- Bachelor's degree preferred and a minimum of 5 years' experience in LNG Production Plant operations & maintenance
- Knowledge and experience of the National Grid gas production plant management and operation programs. Experienced in ability to apply and modify complex theories and learned concepts appropriately
- Detailed knowledge and understanding of legislative/regulatory issues affecting the industry including knowledge of Federal DOT LNG CFR 193, FERC, NFPA 59A, State LNG code and NY Fire Department LNG code. Demonstrated ability to anticipate obstacles and think ahead about next steps
- Knowledge and experience of working with external regulators and to develop successful, long-lasting partnerships with them and seeks to understand and challenge regulatory scenarios to the benefit of all parties.
- **Valid driver’s license required with a safe driving history that meets National Grid’s Safe Driver policy**

More Information

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

To apply, visit this link:

<https://career4.successfactors.com/sfcareer/jobreqcareer?jobId=12800&company=natgridP1>

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.