

Natural Gas Technician Certificate Program

KINGSBOROUGH
COMMUNITY COLLEGE

nationalgrid



Interested in a career in the expanding natural gas industry?

Kingsborough Community College has partnered with National Grid to offer a Natural Gas Technician Certificate Program. This 12-week program is targeted towards individuals seeking career opportunities in the growing natural gas industry.

This program serves as an introduction to the Gas Industry and will expose you to the job tasks, work methods and safety practices utilized by various workforce positions in gas construction, maintenance, and customer service. All classes will be taught at the National Grid Springfield Learning Center (Queens) by highly experienced gas industry instructors. The program runs 2 nights a week and one (1) Saturday per month totaling 90 hours of classroom instruction and hands-on practice in state-of-the-art laboratories, and outdoor gas training simulation areas using actual tools of the trade.

How will this program help your future?

The Natural Gas Technician Certificate Program is a great way to jumpstart your future career. This is an opportunity to find out more about the industry and receive a valuable industry certificate that will distinguish you as an attractive job candidate. Applicants successfully completing the program will also receive front-line priority for entry-level positions in Gas Operations and Customer Metering Services at National Grid.

Did you know?

According to the Northeast Gas Association (www.northeastgas.org), natural gas is now the leading home heating fuel in the Northeast. The potential growth in the region is over 33 million new customers.

In addition to the new growth, accelerated infrastructure enhancements, and workforce retirements are creating a demand to accelerate hiring new employees into the industry.

Certificate Program Overview

This non-credited program introduces you to safe work practices and associated procedures, the properties of natural gas, and principles of gas construction, maintenance and customer service.

You will have the opportunity to:

- Identify the properties of natural gas
- Use hand and power tools
- Recognize hazardous conditions, and identify proper safety and personal protective equipment
- Setup work area protection to work safely in work zone traffic and excavations
- Describe correct procedures for working in abnormal operating conditions
- Operate meters and regulation equipment
- Identify corrosion and damage prevention methods, as well as Dig Safe laws
- Perform various pipe joining techniques

Week 1

- Safety Standards and Protocols
- Overview of Natural Gas Industry and Infrastructure

Week 2

- Personal Safety and HAZMAT Awareness
- Work Zone Traffic Control

Week 3

- Traffic Safety Regulation Principles and Protocols
- Tools of the Trade

Week 4

- Safe Excavation Practices
- Excavation Protective Systems
- Hands-on Practice (Saturday, 6 hours)

Week 5

- Distribution System Fundamentals
- Abnormal Operating Conditions

Week 6

- Gas Customer Metering Services (CMS)
- CMS Tools of the Trade

Week 7

- Corrosion and Corrosion Protection
- Damage Prevention I

Week 8

- Damage Prevention II
- Leak Investigation Techniques and Grading
- Hands-on Practice (Saturday, 6 hours)

Week 9

- Pressure Control, Regulation and Monitoring (I and II)

Week 10

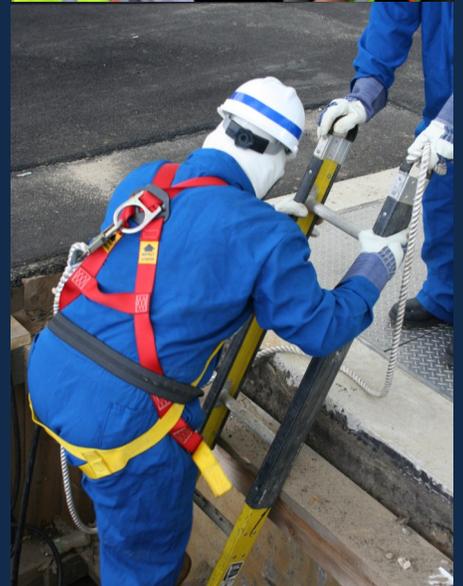
- Joining Pipe (I and II)

Week 11

- Joining Pipe (III and IV)

Week 12

- Tapping and Stopping (Low Pressure Gas)
- Tapping and Stopping (High Pressure Gas)
- Hands-on Practice and Final Assessment (Saturday, 6 hours)





Pre-Entry Physical Assessment

The Pre-Entry Physical Assessment is an assessment of the applicant's ability to complete various timed tasks such as: assembling pipe fittings using a diagram, physically lifting and making the connections to a 90 lb. jack hammer and a 60 lb. rock drill, demonstrating the physical stamina to shovel one (1) cubic yard of gravel from ground level to a platform (48" high) and then from the platform back to ground level, climbing onto a platform 42" in height without the use of a ladder or steps.

How to Apply

To apply, visit the Kingsborough Community College website to complete and submit the application and required documentation.

<http://cewdkbcc.com/continuing-education/nationalgrid/>

Eligibility Requirements

- Must be at least 18 years old
- High School diploma or GED
- Valid driver's license

Application and Required Documentation

- Gas Technician Certificate Application form, including related work experience (i.e. construction, plumbing, HVAC, etc.)
- Copy of High School diploma or GED
- Copy of valid driver's license
- Medical History and Physical Report **
- Signed Agreement and Release of Claims form

** Working in the Gas Utility Industry is a physically demanding job encompassing a variety of physical tasks, including but not limited to: bending, twisting, lifting, hand digging, excavating, backfilling, along with carrying and using various tools and equipment (i.e. Jackhammer, rotary drill, wrenches...). As a result, a Medical History and Physical Report form needs to be completed by your physician and you will be required to pass a Pre-Entry Physical Assessment.

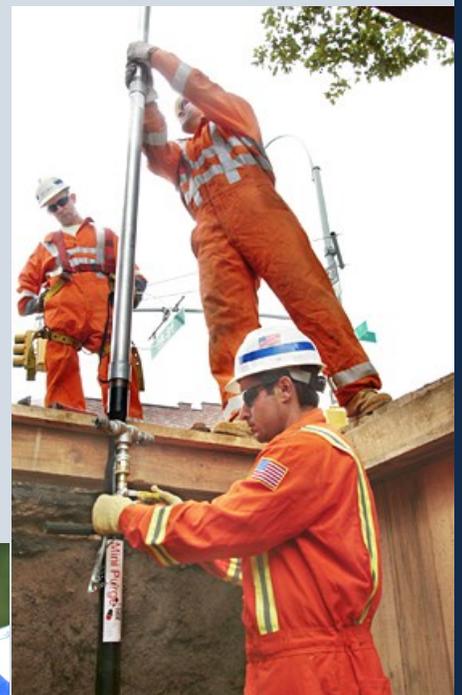
Program Pre-Entry Testing Requirements

- Field Aptitude Test (written exam)
- Pre-Entry Physical Assessment

Application Process

Upon review of all required documentation, accepted applicants will be contacted to schedule a written Field Aptitude Test and the Pre-Entry Physical Assessment. *Note: Only applicants that pass the Field Aptitude Test will be scheduled for the Pre-Entry Physical Assessment.*

Applicants must receive a passing score on both the Field Aptitude Test and Pre-Entry Physical Assessment to be considered for the program. The admissions committee will identify and notify successful candidates accepted into the program to complete the registration process for this non-credited program through Kingsborough Community College. At this point you will be responsible for the tuition fee of \$1,250.

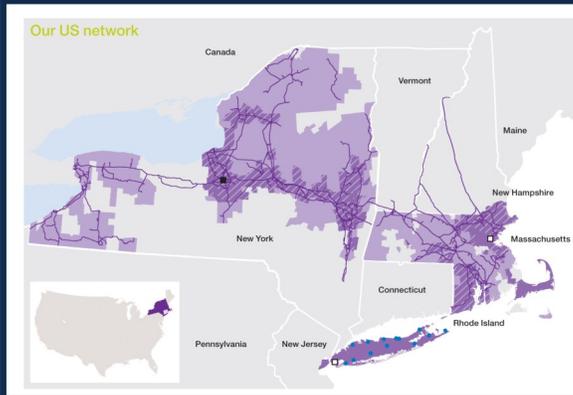




National Grid

National Grid is an international electricity and gas company based in the northeastern US and UK. It's the largest distributor of natural gas in the US northeast, serving approximately 3.5 million gas customers in Massachusetts, Rhode Island and New York (upstate, New York City and Long Island). In addition, it supplies electricity to approximately 3.4 million customers in the northeastern US through its electric distribution systems and operates generation plants on Long Island with a capacity of over 4,000 megawatts under an agreement with the Long Island Power Authority (LIPA).

National Grid plays a vital role in delivering gas and electricity to millions of people in a safe, reliable and efficient manner. National Grid is also committed to being an innovative leader in energy management and to safeguarding our global environment for future generations.



Connect21

National Grid is transforming its electricity and natural gas networks through its U.S. Connect21 strategy, to support the 21st century digital economy with smarter, cleaner, and more resilient energy solutions. Connect21 is vital to our communities' long-term economic and environmental health and aligns with regulatory initiatives in New York, Massachusetts and Rhode Island.

At National Grid, we are committed to focusing on community involvement and making an investment in building a qualified and successful workforce.

Find out more at www.nationalgridus.com



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