

# Worker Safety

Work safely around electric and gas lines

Use this poster for employee training



To report emergencies, call 911 and National Grid immediately.



**In case of gas emergencies:**  
 Massachusetts: 911 and 1-800-233-5325  
 Rhode Island: 911 and 1-800-640-1595

Long Island and the Rockaways: 911 and 1-800-490-0045  
 Metro New York: 911 and 1-718-643-4050  
 Upstate New York: 911 and 1-800-892-2345



**In case of electric emergencies:**  
 New England: 911 and 1-800-465-1212  
 Upstate New York: 911 and 1-800-867-5222



## Notify 811 before you dig – it's the law!

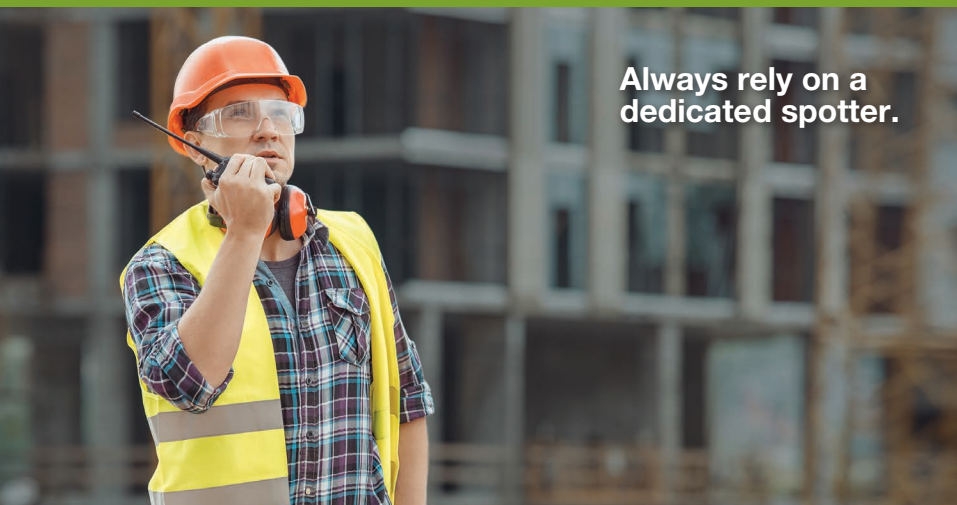
- ◆ **Call 811 or make an online request well in advance of digging or moving earth in any way.** Wait the required time for utilities to locate and mark their lines: in New York, **at least two full working days** excluding the date of your call, weekends and legal holidays; in Massachusetts and Rhode Island, **at least 72 hours** excluding weekends and legal holidays.
  - ◆ **Before you notify 811, pre-mark your excavation route with white paint, flags and/or stakes** so locators can easily identify and mark affected utilities.
  - ◆ **If you don't notify 811, you risk hitting an underground line.** You or your coworkers could be hurt or killed. You may be held liable for damages and repair costs.
- Once you are sure underground lines have been marked, respect the marks and dig with care.**



Point out power lines daily at your job site.

## Keep people, tools and equipment at least 10 feet away from overhead power lines.

- ◆ **Survey your job site every day** to find power lines, poles, guy wires and pad-mounted equipment, and point them out at your work briefings.
- ◆ **Review your emergency plan for power line contact. Assume all overhead lines are energized** and potentially dangerous, including the service drops that run from utility poles to buildings, and stay at least 10 feet away.
- ◆ **Greater voltages require greater distance**, and cranes and derricks in construction may require encroachment prevention precautions. For specific requirements, consult [osha.gov](http://osha.gov).
- ◆ **If your equipment contacts a power line**, move the equipment away from the line if you can do so safely; stay on the equipment until utility workers say it is safe to get off; warn others to stay away; have someone call **911** and National Grid immediately.



Always rely on a dedicated spotter.

## A dedicated spotter helps you stay clear of overhead power lines.

- ◆ **When you operate hoisting equipment**, work with a spotter whose only responsibility is to keep you the required safe distance from overhead lines and other hazards.
- ◆ **Equipment operators working alone cannot safely judge** the distance from equipment to overhead power lines. Don't risk it!
- ◆ **Don't ever try to guide a load and spot at the same time.** You'll risk injury or death.



Signs of a gas leak

## If you contact a natural gas pipeline or suspect a gas leak:

- ◆ **Leave equipment; do NOT turn off engines or generators.** Warn others and leave the area quickly.
- ◆ **Do NOT use matches, lighters or anything electrical – even a phone.** A spark could ignite leaking gas.
- ◆ **Do NOT operate pipeline valves. Do NOT crimp or tape a broken pipe** or otherwise attempt to stop the flow of gas. Leave the excavation open.
- ◆ **From a safe location, call 911 and National Grid immediately.** Call us even if there is no visible damage to the pipeline. (Excavators are required by law to call **911** if gas is escaping.)
- ◆ **Report the incident to your supervisor.**
- ◆ **Stay away from the area** until National Grid personnel say it is safe to return.

**Smell Gas. Act Fast.**

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For more safety information and to request free training materials, visit [ngridssafety.com](http://ngridssafety.com).



SAFETY VISOR CARD for your vehicle  
SAFETY POSTER for the break room or work trailer

## Order free training materials

### Safety kit includes

- ◆ **Contractor Beware®** booklets (15 English, 5 Spanish) These 8-page booklets feature full-color photos that illustrate key safety tips regarding overhead and underground power lines, excavation, spotter and equipment usage, and natural gas lines.
- ◆ **Worker Safety visor cards** (20) This is a quick reference guide to keep in your vehicle. It contains critical safety information and telephone numbers.

### Worker Beware DVD or USB contains

- ◆ **Worker Beware® video:** This video training tool contains the latest, utility-related safety information available and enhances our other program materials.
- ◆ **Slideshow:** This presentation is designed to enhance your safety meeting by introducing basic safety information to participants before viewing the video. It includes talking points to assist you with each slide.
- ◆ **Trainer's guide:** This comprehensive guide addresses everything you need to run an effective safety training session, such as learning preferences, room setup tips, a pre/post quiz, ideas for discussion, and activities.

### Order FREE safety training materials from National Grid

- Please check kit language you would prefer:  English  Spanish  Both
- Please check kit type you would prefer (one only):  DVD  USB
- Where should we mail your FREE safety materials?  
 Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_ Is this a home address? \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Email: \_\_\_\_\_
- Number of employees (including owner):  
 a. 0-5    b. 6-10    c. 11-20    d. 21-50    e. 51+
- Primary business activity (e.g., roofing, excavation, plumbing): \_\_\_\_\_
- How will you use these safety materials? (Circle all that apply.)  
 a. Safety meeting/training    d. Personal knowledge  
 b. Tailgate/job site meeting    e. Customer knowledge  
 c. New employee orientation/training    f. Other \_\_\_\_\_
- What do you feel are the most important safety topics that need to be covered in training materials? \_\_\_\_\_
- On a scale of 1-5 (1 = strongly disagree and 5 = strongly agree), how much do you agree with each of the following statements?  
 \_\_\_ National Grid is committed to the safety of workers like me.  
 \_\_\_ The information National Grid provides is valuable for keeping workers safe around electricity and natural gas.  
 \_\_\_ I expect National Grid to provide workers the information necessary to get their jobs done safely around National Grid's electric and natural gas infrastructure.  
 \_\_\_ The workers at my company use the National Grid safety information to work more safely around electricity and natural gas.  
 \_\_\_ The worker materials provided by National Grid help me and/or my coworkers perform their jobs more safely.  
**Thank you for your order. Materials will arrive in two to four weeks.**

Kit #78755

#12872

# Worker Safety

Work safely around electric and gas lines

Keep this card handy in your vehicle visor or glove box.

## Five steps for safe excavation

- Pre-mark your dig area** with white paint, flags and/or stakes.
- Call 811 or make an online request** well in advance of digging.
- Wait** the required time for utilities to locate and mark their lines: in New York, **at least two full working days** excluding the date of your call, weekends and legal holidays; in Massachusetts and Rhode Island, **at least 72 hours** excluding weekends and legal holidays.
- Respect** the marks and maintain them while digging.
- Dig with care** and follow hand-excavating rules.

\*Greater voltages require greater distance, and cranes and derricks in construction may require encroachment prevention precautions. For specific requirements, consult [osha.gov](http://osha.gov).

## American Public Works Association color for locator marks



- Electric power lines
- Gas, oil or steam
- Communications lines, cables or conduit
- Temporary survey markings
- Potable water
- Reclaimed water, irrigation and slurry lines
- Proposed excavation
- Sewer and drain lines

If you find an unmarked line, stop digging and call 811 immediately.



Know what's below.  
811 before you dig.



# Worker Safety

## Work safely around electric and gas lines

Protect yourself, your crew and the public. Urge your employees to follow the enclosed safety tips when they work around energy lines.

Visit [ngrid.com](http://ngrid.com) and connect with us on

104 Bridge Road  
Salisbury, MA 01952

### Free worker safety education program

National Grid is pleased to provide you with a sample, condensed version of our Worker Beware® safety poster and visor card (attached). We're even more proud to offer you and your employees our comprehensive worker safety education program – FREE.

### Safeguard yourself, your business and the public

Whether working indoors or outside, using handfield tools, light or heavy equipment, it's critical that every worker know the requirements, guidelines and techniques for working safely around underground and overhead utilities – critical for themselves, their business and the public.

### Help reduce your risks

Our free worker safety education program can help you reduce the risk of utility contacts within your organization. We want to be sure you are aware of the hazards so you can reduce the potential risks of:

- Injury or death
- Lawsuits and property damage
- OSHA fines
- Clean-up costs
- Job cost overruns
- Higher insurance premiums
- Increased workers' compensation
- Worker days lost

### Stay safe – order today

Please be sure to review our program (there's a brief description of the materials within this mailer next to the business reply card), then order by mail, fax or online, and incorporate these materials into your organization's regular training program. We're glad to contribute to the well-being of your company, its employees and the general public. Stay safe!

Sincerely,

*Susan L. Thomas*

Susan L. Thomas  
Director, Corporate Safety

### Smell Gas. Act Fast.

**Excavators:** Any excavators hired by local government in New York State are required to have completed an approved excavation safety training program from their local 811 center. For more information, see [digsafelynewyork.com/CEP](http://digsafelynewyork.com/CEP) (for Upstate New York) or [newyork-811.com/new-york-811-safety-education-training](http://newyork-811.com/new-york-811-safety-education-training) (for Downstate New York).

Please visit [nationalgrid.com](http://nationalgrid.com) for more natural gas safety tips. Translations of important safety information and National Grid services are available by choosing the **Select Language** feature at [nationalgrid.com](http://nationalgrid.com).

This is an important notice. Please have it translated.

Bitte é am aiso importante. Questa malfachá traduzir.  
Fale com aiso importante. Questa malfachá traduzir.  
Aiso importante. Veuillez traduire immédiatement.

Questo é un'informazione importante, si prega di tradurre.  
Dây là một bản thông cáo quan trọng.  
Xin vui lòng cho dịch ngay lập tức.

Это очень важная информация.  
Локалыфікара, намяччасна, вядома!  
Будзь вельмі уважлівым.

## Order these FREE electrical & natural gas safety training materials

### Three easy ways to order:

1. **Online**  
Visit [ngrid.com](http://ngrid.com).
2. **Fax**  
Complete the attached order card and fax it to 1-978-463-1715.
3. **Mail**  
Complete the attached self-addressed, postage-paid order card and mail it.



Orders are filled on a first-come, first-served basis and supplies are limited, so order today. Materials will arrive in two to four weeks.

# Worker Safety

If you contact a utility line, report even minor damage to 911 and National Grid.

**Gas leak signs:** A gas leak may have a distinctive, sulfur-like odor (but not always). Other signs may include a hissing, whistling or roaring sound; dirt blowing into the air from a hole in the ground; continuous bubbling in water; dead or dying vegetation (in an otherwise moist area) over or near a pipeline; an exposed pipeline after a fire or flood; or a damaged connection to a gas appliance.

- If you contact a natural gas pipeline**
1. **Leave your equipment behind.** Warn others of the danger, and leave the area quickly. Stay away until utility personnel say it is safe to return.
  2. **Do not use matches, lighters or anything electrical – even a phone.** A spark could ignite leaking gas.
  3. **Do not operate underground pipelines or attempt to stop the flow of gas.** Never bury a contacted pipeline.
  4. **From a safe location, call 911 and National Grid immediately.** Excavators are required by law to call 911 if gas is escaping.
  5. **Report the incident to your supervisor.**

- If your equipment contacts a power line**
1. **Move equipment away from the line** if you can do so safely.
  2. **Have someone call 911 and National Grid immediately.**
  3. **Stay on equipment** until National Grid utility workers signal you off.
  4. **Warn others away** from the line and anything it is touching.
  5. **If fire forces you off,** jump clear without touching equipment and the ground at the same time. Land with your feet together and shuffle away with small steps, keeping both feet together and on the ground at all times.
  6. **Once clear,** do not return to the equipment until National Grid has declared it safe.

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