

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

New York:

Long Island and the Rockaways: 911 and 1-800-490-0045
Metro NY: 911 and 1-718-643-4050
Upstate NY: 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 digging so you can work safely.

- ◆ **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 call, 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 call and you hit 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.**



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.
- ◆ **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.



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.



Dirt blowing

Dead or dying vegetation

Water bubbling

Exposed or damaged pipeline

Be alert for ANY of these gas leak signs: a distinctive, sulfur-like odor; continuous bubbling in water; a hissing, whistling or roaring sound; dirt blowing into the air from a hole in the ground; 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:

- ◆ **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** or 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

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. Contains critical safety information and telephone numbers.

Worker Beware DVD contains

- ◆ **Worker Beware® Video:** This video training tool contains the latest, utility-related safety information available and enhances our other program materials.
- ◆ **Slide Show:** 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, presenter's notes and ideas for discussion, and activities.

Order FREE Safety Training Materials from National Grid

- Please check kit language you would prefer:** English Spanish Both
- 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 #11437

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.

Stay safe near overhead lines

- **Be aware of power lines** at your job site.
- **Assume ALL lines are energized and potentially dangerous.**
- **Mark a safety boundary** to keep workers and equipment at least 10 feet away from overhead power lines.*
- **Use a dedicated spotter** when operating heavy equipment.
- **Do not try to guide a load and be a spotter** at the same time.
- **Know what to do** if your equipment contacts a power line.

American Public Works Association color code 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.





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.

Safety Materials Distribution
104 Bridge Road
Salisbury, MA 01952

Free worker safety education program

National Grid is proud 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. That's a pretty good business proposition when you consider the potential risks:

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

Protect the bottom line

Research indicates that safety training programs can help reduce injuries, fatalities and the costs associated with them, such as workers' compensation and lost production time, as well as the paperwork, investigation and fines associated with incidents.

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, by 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: SHE Programs and Performance

Smell Gas. Act Fast.

Excavators: Beginning May 4, 2019, any excavators hired by local government in New York State will be required to have completed an approved excavation safety training program from their local 811 center. For more information, see digsafetynewyork.com/CEP (for Upstate New York) or newyork-811.com/new-york-811-safety-education-training (for Downstate New York).

Please visit nationalgridus.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 nationalgridus.com.

This is an important notice. Please have it translated.

Este é um aviso importante. Querida mandado traduzir. **Cassida é un'informazione importante, si preghi di trasalir.**
Este es un aviso importante. Si preghi mandado traduir. **DATA LA MOT BAN THONG CAO QUAN TRONG**
Avis important. Veuillez traduire immédiatement. **XIN VUI LONG CHO DICH LAI THONG CAO AV**
*Pro ophiti, parokno konfigurirne, Toksajnikita, roidopovorte, *rodida ham ero nepenahit.

Order these FREE electrical & natural gas safety training materials

Three easy ways to order:

- 1. Online**
Visit ngridus.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 pipeline valves or attempt to stop the flow of gas.** Never bury a collapsed 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.
- 6. Once clear,** do not return to the equipment until National Grid has declared it safe.

To report emergencies, call **911** and National Grid immediately.

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Rhode Island: 911 and 1-800-640-1595

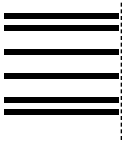
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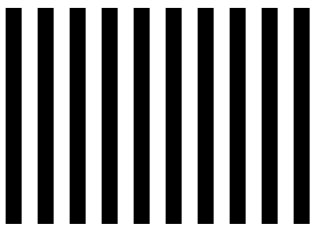
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Worker Safety Program
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