

Gas leak safety: Learn the signs of gas leaks

National Grid adds a distinctive, sulfur-like odorant to natural gas to assist in the detection of natural gas leaks, but in some instances you may not be able to smell it. So be sure to also **LOOK** and **LISTEN** for any of these other gas leak warning signs:

- ◆ A hissing, roaring or whistling sound
- ◆ Dirt blowing into the air from a hole in the ground
- ◆ Continuous bubbling in water
- ◆ A damaged connection to a gas appliance
- ◆ Exposed pipeline after an earthquake, fire, flood or other disaster

Some gas leak warning signs:



Dirt blowing into the air

Water bubbling

Exposed pipeline

If you suspect a gas leak, warn others, leave the area quickly and call **911** and **National Grid** immediately.

- New York:
- Long Island and the Rockaways 1-800-490-0045
 - Metro NY 1-718-643-4050
 - Upstate NY 1-800-892-2345
- Massachusetts 1-800-233-5325
- Rhode Island 1-800-640-1595

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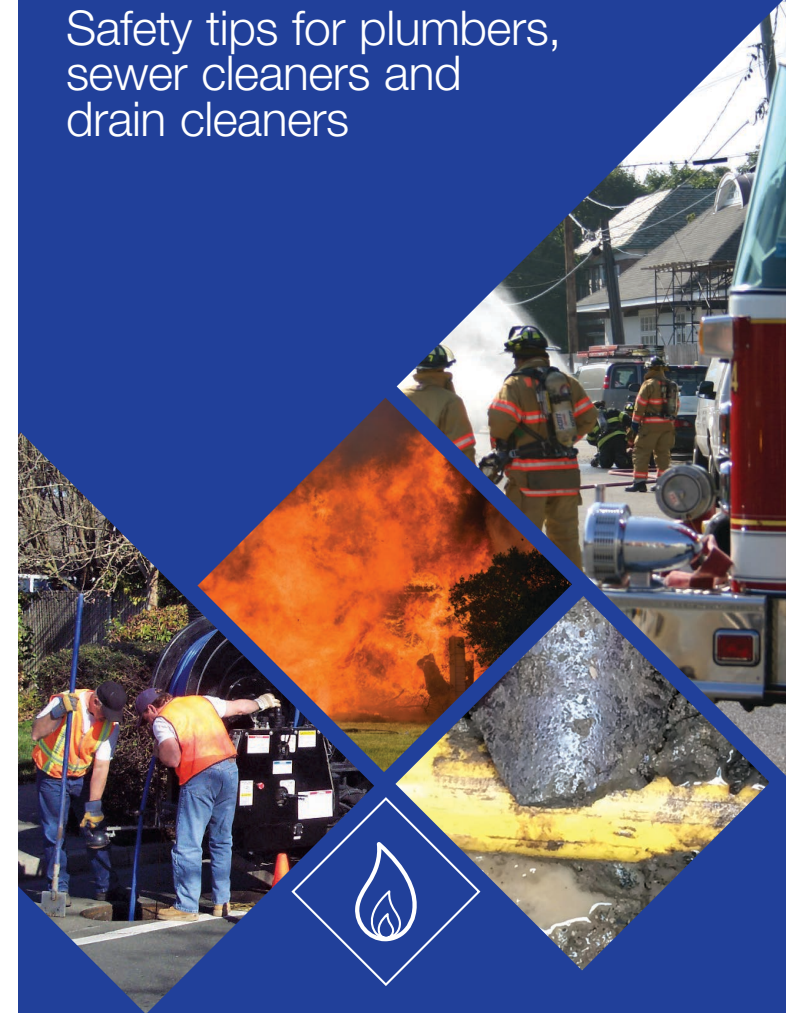
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104 Bridge Road
Salisbury, MA 01952

Beware! Natural gas pipes may intersect sewer lines

Safety tips for plumbers, sewer cleaners and drain cleaners

Visit nationalgridus.com and connect with us on



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Please share this brochure with your coworkers.

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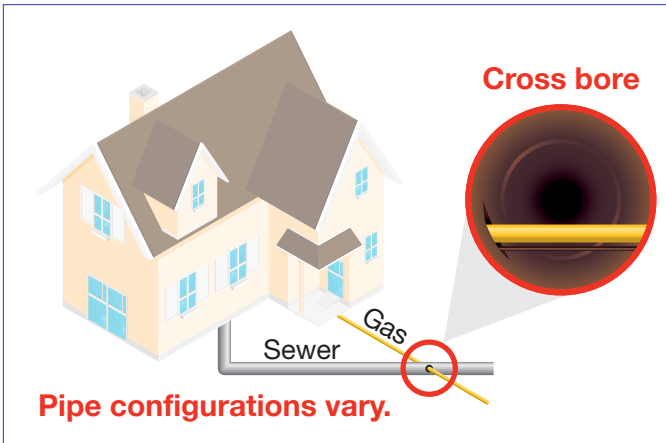


Gas leak safety: Recognize and respond to cross bores

Be alert for cross bores in sewer laterals!

Most sewer blockages are caused by tree roots, grease or other routine clogs. However, in rare cases, an electric, gas, water or telecommunications line can be installed directly through a sewer line in what is known as a “cross bore.”

Over time, a cross bore in a sewer lateral will cause a blockage. If you attempt to remove the blockage with mechanical equipment, you risk damaging a live utility line.



If you damage a cross-bored natural gas pipe, service interruption may not be immediately obvious. **Leaking gas may travel into nearby sewer lines and buildings, causing a fire and explosion risk.**

If you work for a public sewer agency and see a utility crew working in an area where you know there to be sewer lines, stop and discuss the cross bore issue with them.

Take these cross bore precautions before, during and after clearing any sewer line blockage:

- ❑ **Before Clearing.** Look for trees or landscaping whose roots could be causing the obstruction. If there are none, a cross bore could be involved, so proceed with caution.
 - If you own or can obtain access to an inline camera, use it to assess the blockage before attempting to clear it. If the camera view is obstructed due to the clog, vacuum it out first.
 - If a camera is not available, run a hydro-jetter through the sewer line to clear it. **Do not use a cutting tool.**
- ❑ **During Clearing.** If you can't verify the cause of the blockage, use the least invasive equipment possible, such as a hydro-jetter. If you sense resistance that does not resemble a tree root or other common obstruction, do not force it. **Stop immediately and call National Grid at 1-877-370-5047.**
- ❑ **After Clearing.** Natural gas pipes are typically yellow plastic, and in rare cases, may be orange, green or black. If you have used a cutting tool, look for colored plastic on the blades when you withdraw it. Watch for bubbles escaping from the entry point of the clearing equipment or toilet and/or use a combustible gas indicator or other gas detection equipment, if available. **If you think you have hit a gas line, act fast and take the steps at right.**

If you suspect a gas pipe is obstructing a sewer line, call National Grid at 1-877-370-5047. If a gas pipe has caused the blockage, National Grid will remove the pipe and make repairs at no charge.

If you hit a gas pipe or suspect a gas leak, assume there's a danger and take these steps:

1. **WARN OTHERS** and quickly **EVACUATE** the structure. **DO NOT** wait for utility personnel to arrive.
2. **EXTINGUISH** cigarettes and do not use matches, light switches or anything electrical – even a phone. A spark from these items could ignite leaking gas and cause an explosion.
3. **MOVE** to a safe location and then **CALL 911** and National Grid.
4. **STAY AWAY** until utility personnel say it is safe to return.
5. **DO NOT** attempt to stop the flow of gas. Leave the pipe alone; if a manhole cover has been removed, do not attempt to replace it.

Smell Gas. Act Fast.



Call 811 well in advance of digging or moving earth in any way.

Know what's below. 811 before you dig.

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Это очень важное сообщение.
Пожалуйста, попросите, чтобы
вам его перевели.