



## Stay Safe Around Electricity and Natural Gas

### Pre/Post Test

Directions: Circle the one correct answer.

- Which of these correctly describes how electricity gets to us?
  - it travels on power lines from a power plant to our homes
  - it travels underground in the roots of powerful plants
  - it is pumped from wells and delivered through pipelines
  - it travels from substations to power plants
- Where does natural gas come from?
  - generators
  - the stars
  - pipes
  - under the earth
- Electricity is always looking for the easiest path to the
  - ground
  - insulator
  - circuit
  - clouds
- Which of these is a very good conductor of electricity?
  - water
  - special glass
  - special rubber gloves
  - fiberglass
- Which of the following is a safe thing to do?
  - touch power lines
  - reach to retrieve a kite caught in power lines.
  - play in an open field far away from power lines
  - use an electric lawn mower near water
- If you see a power line that has fallen, what should you do?
  - ignore it
  - touch it to see if it's live
  - touch the ground
  - stay away and report it to 911
- Which of these is a safe thing to do?
  - use a hair dryer while standing in water
  - use a plugged-in radio near the bathtub
  - dry your hands before turning off lights
  - put an electric shaver cord in water while shaving
- Why is it important to call your local utility before digging in the ground near your home?
  - to avoid hitting buried electric lines or gas pipelines
  - to find out what to do with the dirt
  - to ask what equipment to use
  - to get them to dig for you
- Which of the following is not a sign of an outdoor gas pipeline leak?
  - a cracked sidewalk
  - dirt spraying into the air
  - a smell of rotten eggs
  - continuous bubbling in water
- What is the safest thing to do if you smell gas in your house and an adult is not home?
  - stay in the house
  - use a telephone in your house to call for help
  - leave immediately without using a light switch, candle, flashlight, or telephone
  - turn on a light

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## Answer Key

Information that relates to each question can be found on the pages listed below.

1. a) it travels on power lines from a power plant to our homes. Page 2
2. d) under the earth. Page 3
3. a) ground. Page 5
4. a) water. Page 6
5. c) play in an open field far away from power lines. Pages 8-9
6. d) stay away and report it to 911. Page 11
7. c) dry your hands before turning off lights. Page 12
8. a) to avoid hitting buried electric lines or gas pipelines. Page 13
9. a) a cracked sidewalk. Page 15
10. c) leave immediately without using a light switch, candle, flashlight, or telephone. Page 15