

## **Stay Safe Around Electricity and Natural Gas**

## **Pre/Post Test**

Directions: Circle the one correct answer.

<ol> <li>Which of these correctly describes how electricity gets to us?         <ul> <li>a) it travels on power lines from a power plant to our homes</li> <li>b) it travels underground in the roots of powerful plants</li> <li>c) it is pumped from wells and delivered through pipelines</li> <li>d) it travels from substations to power plants</li> </ul> </li> </ol>			
2. Where does natural gas co a) generators b	come from? b) the stars	c) pipes	d) under the earth
3. Electricity is always look a) ground b	ting for the easiest pa ) insulator	ath to the c) circuit	d) clouds
<ul> <li>4. Which of these is a very good conductor of electricity?</li> <li>a) water</li> <li>b) special glass</li> <li>c) special rubber gloves</li> <li>d) fiberglass</li> </ul>			
<ul> <li>5. Which of the following is a safe thing to do?</li> <li>a) touch power lines</li> <li>b) reach to retrieve a kite caught in power lines.</li> <li>c) play in an open field far away from power lines</li> <li>d) use an electric lawn mower near water</li> </ul>			
<ul><li>6. If you see a power line that has fallen, what should you do?</li><li>a) ignore it b) touch it to see if it's live c) touch the ground d) stay away and report it to 911</li></ul>			
<ul> <li>7. Which of these is a safe thing to do?</li> <li>a) use a hair dryer while standing in water</li> <li>b) use a plugged-in radio near the bathtub</li> <li>c) dry your hands before turning off lights</li> <li>d) put an electric shaver cord in water while shaving</li> </ul>			
<ul> <li>8. Why is it important to call your local utility before digging in the ground near your home?</li> <li>a) to avoid hitting buried electric lines or gas pipelines</li> <li>b) to find out what to do with the dirt</li> <li>c) to ask what equipment to use</li> <li>d) to get them to dig for you</li> </ul>			
<ul> <li>9. Which of the following is <u>not</u> a sign of an outdoor gas pipeline leak?</li> <li>a) a cracked sidewalk</li> <li>b) dirt spraying into the air</li> <li>c) a smell of rotten eggs</li> <li>d) continuous bubbling in water</li> </ul>			
<ul><li>10. What is the <u>safest</u> thing to do if you smell gas in your house and an adult is not home?</li><li>a) stay in the house</li><li>b) use a telephone in your house to call for help</li><li>c) leave immediately without using a light switch, candle, flashlight, or telephone</li><li>d) turn on a light</li></ul>			

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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