

Pipeline Emergency Response Guidelines Student Evaluation

1. Match the following:

B Gathering



A. These lines move refined liquid products, crude oil, and natural gas from refineries to marketing and distribution terminals typically using larger diameter, high-pressure lines.

A Transmission



B. These lines transport crude oil and natural gas from the wellheads and production facility to processing facilities where the oil, gas and water are separated and processed.

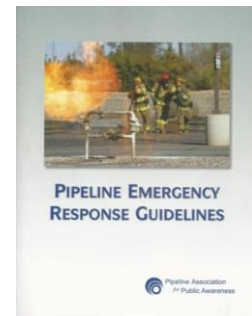
C Distribution



C. Liquid products are stored and usually transported by tanker trucks to their final destination, while gases, such as natural gas, butane, propane, ethane, etc., are transported from a storage location directly to residential and industrial customers.

2. Which is **not** one of the 4 steps suggested in PERG

- A. Protect people, property and the environment
- B. Assess the situation
- C. Assist in investigation**
- D. Call for assistance
- E. Work with the pipeline operator



3. Above ground or below ground, pipelines are constructed on a clear corridor of land called a:

- A. Right of ownership
- B. Transmission corridor
- C. Pipeline way
- D. Right-of-Way**



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4. Pipeline markers may look different, but every marker gives specific information. What items must be on a pipeline marker. Check all that apply:

- A. Chemical properties
- B. Product**
- C. UN ID 4-digit number
- D. Telephone number**
- E. Operator Name**
- F. Distance the pipeline is from the marker



5. You respond to a farm accident in a right of way. The farmer states he was drilling a hole for a fence post. When you arrive at the scene there is a hissing noise coming from the hole. Given this situation your best choice of product would be:

- A. Natural Gas
- B. Petroleum liquids
- C. Petroleum Gas**
- D. Crude Oil

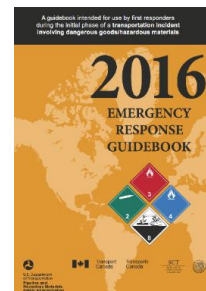


6. Given the four following indications of a pipeline release match the most appropriate pipeline product to the indication of a pipeline leak.

- | | |
|--|--|
| <u> </u> D <u> </u> Ammonia | A. An odor of rotten eggs or a burnt match |
| <u> </u> B <u> </u> Refined Petroleum Products | B. A sheen on the surface of the water |
| <u> </u> A <u> </u> "Sour Gas" H ₂ S | C. A white vapor cloud that looks like smoke |
| <u> </u> C <u> </u> Liquefied Petroleum Gas | D. An irritating and pungent odor |

7. In the ERG where would you find information regarding response to a pipeline emergency?

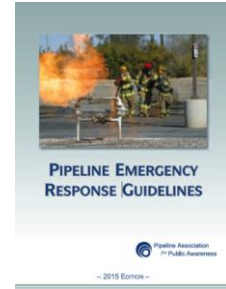
- A. Orange Pages
- B. Green Pages
- C. White Pages**
- D. Blue Pages
- E. Yellow Pages



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8. In the PERG Guidelines for response to a pipeline release what is the first action that responders should perform.

- A. **Approach with Caution**
- B. Protect people the environment
- C. Dial 811
- D. Immediately call the pipeline operator



9. Pipeline Control centers are manned and operated by the Pipeline companies:

- A. Business Hours Only
- B. 24/7/365 for a fee to responders
- C. Depends on the operator
- D. **24/7/365 for free**



10. In the ERG where would you find guidance regarding response to a specific pipeline product in an emergency?

- A. Green Pages
- B. White Pages
- C. Blue Pages
- D. Yellow Pages
- E. **Orange Pages**

