

Pipeline Emergency Response Guidelines Student Evaluation

1. Match the following:

Gathering



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

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.

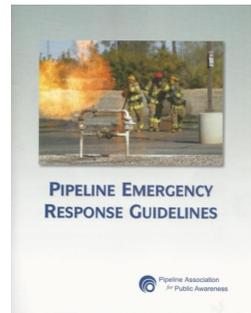
Distribution



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 Incident Response Steps suggested in the PERG

- A. Respond to protect people, property and the environment
- B. Assess the situation
- C. Assist in investigation
- D. Secure the scene
- E. Work together 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. Emergency Telephone number
- E. Operator Name
- F. Depth 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. Liquid 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.

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

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

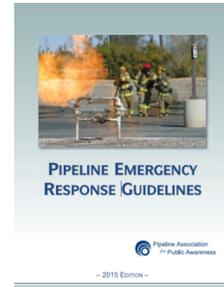
- A. Orange Pages
- B. Green Pages
- C. White Pages
- D. Blue Pages
- E. Yellow Pages



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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. Protect people the environment
- B. Dial 811
- C. Approach cautiously and assess the situation
- 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. Orange Pages
- B. Green Pages
- C. White Pages
- D. Blue Pages
- E. Yellow Pages

