

Emergency Response DVD Assessment Student Test

1. The most important weather condition to know during the initial response is:
 - a. Barometric Pressure
 - b. Humidity
 - c. Wind Direction
 - d. Precipitation

2. Proper PPE must be worn to safely respond to any incident involving the release of a chemical such as chlorine.
True False

3. Chlorine placards indicate a _____ with the UN Number _____.

4. Chlorine is a gas that is heavier than air.
True False

5. The most important action a first responder can perform initially at the site of an incident involving a chemical release is to isolate the area and deny entry until help arrives.
True False

6. Water is a good way to control chlorine gas at the point of release.
True False

7. In an initial NIMS (National Incident Management System) response place the following actions in their most likely order.

Evacuate and treat victims	
Secure the site	
Establish Incident Command	
Set up air monitoring system	
Establish safe and hot zones	

8. When establishing buffer zones no thought should be given to wind direction.
True False

9. In the U.S. immediate information can be obtained from _____ at 1-800-424-9300 and in Canada, _____ at 1-613-996-6666.

10. The Chlorine Institute facilitates a nation-wide emergency plan that includes regional emergency teams prepared to provide technical assistance for incidents involving chlorine. This program is known as _____.
11. These teams are activated by contacting _____ or _____.
12. Anyone entering the hot zone during a chemical release response must be decontaminated when exiting.
True False
13. Before installing any type of kit or repair device the _____ of the vessel must be determined.
14. A follow up critique performed as soon as possible after the incident is over is critical to improving response protocols and procedures.
True False

Questions on the TABS

15. Chlorine is transported as a liquid under pressure, but due to a very low boiling point transitions to a _____ when released.
16. Chlorine is a colorless, odorless gas when released into the atmosphere.
True False
17. It should be noted that when chlorine is in the presence of water it forms _____.
18. When using the "Buddy System" two responders enter the hot zone and a back up team stands by.
True False
19. _____ is when the public in the path of a chemical release is instructed to remain inside and seal doors and windows significantly reducing their exposure to the released material.
20. The Chlorine Institute maintains Pamphlets on appropriate PPE for responding to a chlorine release and other topics such as first aid for chlorine exposure.
True False
21. Chlorine is transported as a Class _____ Division _____ poison gas.

- 22.** After stopping the release from a leaking chlorine container, removal of the remaining material is a primary concern. There are several possible methods. Consult the chlorine supplier before taking any further action.
True False
- 23.** Place the appropriate container number by the corresponding repair kit:
- | | |
|---------------|-----------------------|
| "A" Kit _____ | 1. Tank cars |
| "B" Kit _____ | 2. 100/150# cylinders |
| "C" Kit _____ | 3. Ton containers |
- 24.** Liquid chlorine increases in volume by 460 times as it becomes a gas.
True False
- 25.** Water should not be used on liquid chlorine because it will act as a heat source increasing vaporization.
True False
- 26.** Exposure to an atmosphere containing 500 ppm chlorine for 5 minutes can be lethal to individuals not dressed in the proper PPE.
True False