Chlorine Quiz

1.	What is the United Nations four-digit designation for chlorine?
2.	What color is chlorine gas?
3.	Name two materials that will react violently with chlorine.
4.	One volume of liquid chlorine yields about how many volumes of chlorine gas?
5.	Which poses more hazards, a gas or liquid chlorine leak?
6.	What is the NIOSH IDLH concentration level?
7.	What is the potential hazard to workers caused by the boiling temperature of chlorine?
8.	Is chlorine gas lighter or heavier than air?
9.	At what level is chlorine detectable by the human nose in ppm?
10.	If a container does leak, how should the leak point be positioned and why?
11.	In a fire, does chlorine gas participate as an igniter, fuel, or oxidizer?
12.	Can a fire occur if there is no oxygen, but chlorine gas is present?
13.	What is the maximum number of turns a chlorine cylinder or ton container valve should be opened?
14.	What prevents chlorine containers from rupturing when exposed to fire?
15.	Why should water not be applied to a chlorine leak?

gas chlorine a. valves b. protective hood c. liquid feed pipe Label the diagram of the ton container with the following items: .91

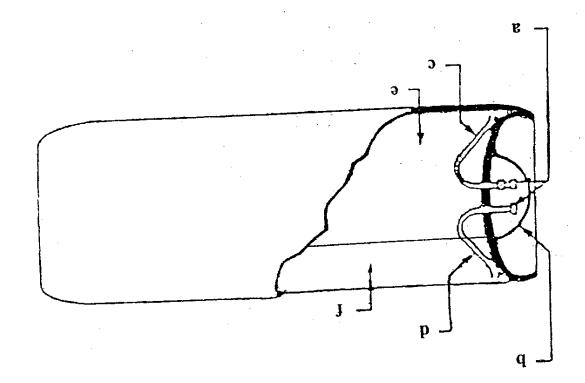
d. gas feed pipe e. liquid chlorine

b. protective hood 32. Label the diagram of the ton container with the following items:

d. gas eduction tube

a, valves

(full container) f. gas chlorine phase c. liquid eduction tube



(full container)

e. liquid chlorine phase