

Name _____

Date _____

1. Even though most metals produce smoke and fumes when being welded, the welder should not be concerned because smoke and fumes only smell bad, they don't harm the eyes or lungs.
2. Before a welder cuts or welds a container or tank, the prior liquid contents of the container or tank must be identified.
3. "Venting" a container means cutting a hole in the container so the smoke and fumes can escape when the container is being welded.
4. The only reason to put water in a container before welding or cutting the container is to prevent the build-up of heat.
5. No one, including the instructor, should weld a container unless the prior contents have been determined and the container has been cleaned with the proper cleaners and equipment.
6. If you are welding and the ventilation system is not working, you should open the doors and windows to produce a draft, or breeze, in the welding area.
7. When welding with certain rods on particular types of metals, you should wear a respirator to protect your lungs from the noxious smoke and fumes.
8. The purpose of a "fire watcher" in a welding area is to watch fires and warn other welders if a fire is becoming too large and dangerous.
9. A fire blanket is used to put out fires, not to keep finished welding work from cooling off too quickly and cracking.
10. The type "A" fire extinguisher is used to extinguish paper, cloth and wood fires.
11. The type "B" fire extinguisher is used to extinguish burning oil, gas, and paint thinner fires.
12. The type "C" fire extinguisher is used to extinguish electrical fires.
13. The type "D" fire extinguisher is used to extinguish burning zinc, magnesium and titanium fires.
14. All welders should practice using a fire extinguisher before a fire breaks out.
15. Never stand in water or on a wet surface when welding.

16. Most fire extinguishers used in the welding area are combination extinguishers, which mean that they must be used with other fire extinguishers in order to put out a fire.
17. It is permissible to talk to other welders when they are cleaning a weld or using some other equipment in the welding area.
18. Which procedure should you follow when using grinders? Check the grinding wheel and check the power cord.
19. The most serious injury that can be caused by water on the floor, or around the welding cables, is slipping and falling down.
20. Before starting to weld in any welding area, a welder should know the type and location of every fire extinguisher in the welding area.