Mine Safety Quiz

Title: Explosion Hazards

Check off all items that are likely to result in an explosion:

1) Inflating a tire
2) Heating the brakes on a vehicle
3) Placing a cylinder of compressed gas in a hot environment
4) Placing a cylinder of compressed gas in a cold environment
5) Heating the nuts on a vehicle tire rim
6) Heating a brake wheel or master cylinder
7) Heating a hydraulic cylinder
8) Heating or welding on an open tank
9) Heating or welding on a closed tank
10) Heating or welding a full gasoline tank
11) Heating or welding an open gasoline tank
12) Lighting a match near an open gasoline tank
13) Lighting a match near a closed gasoline tank
14) Pouring gasoline into an incinerator
15) Pouring used oil into an incinerator
16) Heating concrete
17) Heating wood
18) Heating steel
19) Heating a rock
20) Digging into a natural gas line
21) Digging into a propane line
22) Using a Bobcat before it warms up
23) Shooting a shotgun with snow in the barrel
24) Shooting a rifle with snow in the barrel
25) Turning the lights on in a garage with fuel oil on the floor
26) Turning the lights on in a garage with gasoline on the floor
27) Using a propane heater in a confined space
28) Smoking near an open diesel fuel container
29) Smoking near an open gasoline container
30) Fueling up a gas can sitting in your truck box
31) Pouring gasoline from a drum into a smaller container
32) Storing gasoline in a non-ventilated area
33) Storing propane in a non-ventilated area
34) Opening the valve on an oxygen cylinder
35) Opening the valve on an oxygen cylinder regulator
36) Opening the valve on an acetylene regulator
37) Dropping an opened oil can into a fire
38) Dropping a closed pop bottle into a fire
39) Dropping a closed oil can into a fire
40) Dropping a closed pop can into a fire
41) Dropping an open pop bottle into a fire
42) Getting a cigarette lighter hot
43) Cutting the end off a drum which contained only water
44) Heating water in a can with the cover on
45) Throwing a match into a stove containing gas-soaked rags
46) Throwing a match into a stove containing fuel-oil soaked rags
47) Using acetylene from a cylinder that has not been stored upright
48) Using oxygen from a cylinder that has not been stored upright
49) Lighting a match in a dusty room
50) Oiling an oxygen regulator
51) Oiling an acetylene regulator
52) Gas welding in a confined space
53) Cutting with a torch in a confined space
54) Using acetylene at a pressure greater than 15 psig
55) Opening both the oxygen and acetylene valves to light a torch
56) Flashback (sputtering) in an oxy-acetylene torch
57) An improperly working check valve in either the oxygen or acetylene lines
58) Opening the valve on an acetylene cylinder more than ¼ turn
59) Opening the valve on an oxygen cylinder more than ¼ turn
60) A leaking acetylene cylinder
61) A leaking oxygen cylinder
62) A leaking nitrogen cylinder
63) A leaking propane tank

Answers: 1-3, 5-12, 14-24, 26, 27, 29-36, 38-40, 42-45, 47, 49, 50-58, 60, 61, 63