Assessment

THE DANGERS OF COMPRESSED AIR

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ASSESSMENT – THE DANGERS OF COMPRESSED AIR

Name: ..........................................................

Date: ..........................................................

I.D. (if applicable): .................................

Score

1. Compressed air should not be used for general cleaning purposes such as clothes, work area or equipment, because
   a) the debris can fly in all directions at great speed and can cause serious injury
   b) you will run out of air
   c) it ruins peoples clothing
   d) the hose will break

2. Protective equipment such as goggles and gloves are
   a) essential
   b) not necessary
   c) fashionable
   d) only for beginners

3. When adjusting or changing tools, always ______ and _____ the air supply.
   a) change and monitor
   b) shut off and disconnect
   c) turn up and secure
   d) detach hoses and measure

4. Normal air is colourless, odourless and __________________
   a) tasteless
   b) dangerous
   c) cold
   d) flavourful
5. It is also extremely important to keep compressed air away from the face. It is generally recognised that pressures of around 35 kilopascals (kPa), or about _______ pounds per square inch (psi) and over can cause severe injuries.
   a) 1000
   b) 1
   c) 500
   d) 5

6. There are two sources of compressed air in the workplace: cylinders and, more commonly, ____________
   a) regulators
   b) compressors
   c) gas tanks
   d) hoses

7. What should you do when turning the air on and off in a compressed air application that uses a nozzle?
   a) You can do what you feel is safe
   b) Lubricate the nozzle
   c) Never hold the nozzle
   d) Always hold the nozzle

8. When using compressed air always use the _____________ possible pressure that can still do the job.
   a) Highest
   b) Lowest
   c) Fastest
   d) Cleanest

9. If compressed air enters the bloodstream it can travel to the blood vessels of the brain and cause them to ____________
   a) excel
   b) rupture
   c) disappear
   d) shrink

10. When is it acceptable to modify compressed air equipment?
    a) Only if the air pressure remains the same as before the modification
    b) Never
    c) Any time you feel it is safe to do so
    d) Only if it is a, extremely low air-pressure application