

9.A: Chapter 8 Review Questions

Complete as directed.

Fill in the Blanks:

1. Compressed gas cylinders shall be secured in an _____ position at all times except, if necessary, for short periods of time while cylinders are actually being hoisted or carried.
2. Cylinders containing oxygen or acetylene or other fuel gas shall not be taken into _____.
3. What is the correct procedure to follow if the valve on a fuel gas cylinder is opened and a leak around the valve stem is discovered?
4. Whenever practicable, all arc welding and cutting operations shall be _____ by noncombustible or flameproof screens which will protect employees and other persons working in the vicinity from the direct rays of the arc.
5. When the welding, cutting, or heating operation is such that normal fire prevention precautions are not sufficient, additional _____ shall be assigned to guard against fire while the actual welding, cutting, or heating operation is being performed and for a sufficient period of time after completion of the work to ensure that no possibility of fire exists.
6. Before welding, cutting, or heating is commenced on any surface covered by a preservative coating whose flammability is not known, a test shall be made by a _____ to determine its flammability.

Multiple Choice:

7. Which of the following is or are an acceptable means for hoisting compressed gas cylinders:
a. magnets b. cradles c. sling board d. pallet e. choker slings
8. Oxygen cylinders in storage shall be separated from fuel-gas cylinders or combustible materials (especially oil or grease), a minimum distance of _____ feet (6.1 m) or by a noncombustible barrier at least 5 feet (1.5m) high having a fire-resistance rating of at least one-half hour.
a. 5 b. 10 c. 15 d. 20

True or False: (Circle the Correct Answer)

9. T or F

Welding, cutting, and heating, which does not involve confined spaces, or materials, which might present a toxic hazard, may normally be done without mechanical ventilation or respiratory protective equipment.

General:

10. What precautions must be followed when a welder must enter a confined space through a manhole or other small opening?

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