

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Cylinders are normally constructed of mild steel plate and can be dented if not handled properly.
  - A. True
  - B. False
2. Until they are given permission by their instructor, welders should not attempt to move cylinders from the storage area.
  - A. True
  - B. False
3. Oxygen and acetylene cylinders can be stored together outside the welding area.
  - A. True
  - B. False
4. If oxygen and acetylene cylinders are stored separately, they must be separated by a 5 foot high wall with a 30 minute burning rating or be separated by at least 20 feet.
  - A. True
  - B. False
5. Both oxygen and acetylene cylinders should be stored vertically.
  - A. True
  - B. False
6. If for some reason, an acetylene cylinder has been lying on its side, place it in an upright position and wait at least 15 minutes before using the cylinder.
  - A. True
  - B. False
7. Never move a cylinder that has an attached regulator.
  - A. True
  - B. False
8. Never move a cylinder by rolling it on its edge. It may break the floor or roll over another welder's foot.
  - A. True
  - B. False
9. If the cylinder does not have a safety cap, the cylinder can be moved if extra safety practices are followed.
  - A. True
  - B. False

10. "Cracking" a cylinder means tapping the cylinder valve with a hammer to remove ice, dirt, or water from the valve outlet.
  - A. True
  - B. False
11. The oxygen regulator and hose connections have:
  - A. right-hand threads
  - B. left-hand threads
  - C. neither A nor B
12. The acetylene regulator and hose connections have:
  - A. A. right-hand threads
  - B. left-hand threads
  - C. neither A nor B
13. Right-hand threads run:
  - A. clockwise
  - B. counterclockwise
  - C. A and B
  - D. Neither A nor B
14. Left-hand threads run:
  - A. clockwise
  - B. counterclockwise
  - C. A and B
  - D. Neither A nor B
15. Green hoses are used for:
  - A. acetylene
  - B. oxygen
  - C. A and B
  - D. Neither A nor B
16. The term "plugging" means to use the oxygen or acetylene gas to clean out dirt and other foreign material from the regulators, hoses, and torch.
  - A. True
  - B. False
17. The only purpose of the "check valves" or "reverse flow" is to prevent oxygen from entering the acetylene hose and acetylene from entering the oxygen hose.
  - A. True
  - B. False
18. The oxygen fittings have a groove around the middle of the connection.
  - A. True
  - B. False

19. Cylinders should never be lifted by the valve or safety cap.
- A. True
  - B. False
20. Inert gas cylinders may be stored with either acetylene or oxygen cylinders.
- A. True
  - B. False

### Answer Key

1. Cylinders are normally constructed of mild steel plate and can be dented if not handled properly.

**False**

2. Until they are given permission by their instructor, welders should not attempt to move cylinders from the storage area.

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6. If for some reason, an acetylene cylinder has been lying on its side, place it in an upright position and wait at least 15 minutes before using the cylinder.

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7. Never move a cylinder that has an attached regulator.

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8. Never move a cylinder by rolling it on its edge. It may break the floor or roll over another welder's foot.

**False**

9. If the cylinder does not have a safety cap, the cylinder can be moved if extra safety practices are followed.

**False**

10. "Cracking" a cylinder means tapping the cylinder valve with a hammer to remove ice, dirt, or water from the valve outlet.

**False**

11. The oxygen regulator and hose connections have:

**right-hand threads**

12. The acetylene regulator and hose connections have:  
***left-hand threads***
13. Right-hand threads run:  
***clockwise***
14. Left-hand threads run:  
***counterclockwise***
15. Green hoses are used for:  
***oxygen***
16. The term "plugging" means to use the oxygen or acetylene gas to clean out dirt and other foreign material from the regulators, hoses, and torch.  
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17. The only purpose of the "check valves" or "reverse flow" is to prevent oxygen from entering the acetylene hose and acetylene from entering the oxygen hose.  
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