

KNOWLEDGE

Chemical containers must be kept closed to prevent all of the following except:

- Spills
- Fires
- Sparks
- Evaporation

To reduce static electricity buildup when transferring flammable liquids you should do all of the following except:

- Ground the metal containers
- Place clamps on a painted part of the container
- Connect the two containers
- Keep the door to the mixing room closed

Shop rags contaminated with oil or solvents must be placed:

- In a plastic container with a self-closing lid
- In a metal container with a self-closing lid
- In sealed and labeled plastic bags
- Outside – so they dry and can be reused

Complete this sentence to make it a “True” statement: Oxygen cylinders...(check all that apply)

- Must be stored with the caps on when a regulator is not attached
- Must be handled by the cap or valve when moving
- Must be stored at least 20 ft away from flammable gases such as acetylene
- Must have the fittings carefully greased and oiled before each use
- Must be secured to a wall or cart using straps or chains

When oxygen cylinders are stored near acetylene cylinders (or other flammable gases), OSHA requires that oxygen cylinders are separated from the flammable gases by a wall with which of the following characteristics? (check all that apply)

- At least 3 ft high
- At least 5 ft high
- At least 7 ft high
- At least 30 minutes fire-resistance rating
- At least 60 minutes fire-resistance rating



A class D fire extinguisher puts out fires that involve:

- Cardboard and regular trash
- Car batteries
- Combustible metals
- Computers and electrical outlets

How often must fire extinguishers be checked to make sure they are in good condition and will work when needed?

- Daily
- Weekly
- Monthly
- Yearly

Which of the following statements about emergency exits are correct? (check all that apply)

- The EXIT sign must be illuminated only if workers are present for the night shift
- The EXIT sign must be placed above or near each designated emergency exit door
- The exit doors can be blocked temporarily (a few hours) when stock is delivered
- The EXIT signs must be clearly visible and illuminated at all times
- The exit path must be clear of obstructions and lead to the outside

An emergency action plan must include procedures for which of the following? (check all that apply)

- Fire
- Machine malfunction
- Severe weather
- Medical emergency

If an employer requires an employee to use a fire extinguisher and put out a fire in the shop, then the employer must train the employee on proper use of fire extinguishers.

- True
- False

A fire involving flammable liquids, such as paint thinners, can be extinguished using which kind of extinguisher?

- A
- B
- C
- D
- ABCD



Every fire extinguisher has a pull pin. The role of the pull pin is to:

- Prevent chemical evaporation
- Prevent water intrusion
- Prevent accidental discharge
- Prevent sparks from entering

In a collision shop, OSHA requires explosion-proof electrical wiring and lighting in which areas?
(check all that apply)

- Body repair and welding
- Paint mixing room
- Paint booth
- Primer spraying area (prep station)
- Car wash and detailing area
- Outside the shop, in the receiving area

Bonding two containers before transferring flammable liquids:

- Prevents pH changes
- Prevents spills
- Prevents sparks
- Grounds the containers
- Neutralizes the containers



SKILLS

I am comfortable with my ability to demonstrate and explain how to verify that the lights and electrical wiring and switches in the paint booth and paint mixing room are explosion-proof.

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

I am comfortable with my ability to demonstrate and explain how to safely store compressed-oxygen cylinders when not in use.

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

I am comfortable with my ability explain to students what to do in case of a fire in the shop.

- Strongly Agree
- Agree
- Disagree
- Strongly disagree

