

KNOWLEDGE

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

- Spills
- Fires
- Sparks
- Evaporation

Fire Safety, part 1, slide # 6

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

Fire Safety, part 1, slide # 14

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

Fire Safety, part 1, slide # 7

Complete this sentence to make it a “True” statement: Oxygen cylinders...

- 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

Fire Safety, part 1, slide # 8

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

- 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

Fire Safety, lab activities



A class D fire extinguisher puts out fires that involve:

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

Fire Safety, part 2, slide # 6

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

- ~~Daily~~
- ~~Weekly~~
- Monthly
- ~~Yearly~~

Fire Safety, part 2, slide # 7

Which of the following statements about emergency exits are correct?

- ~~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

Fire Safety, part 2, slide # 12

An emergency action plan must include procedures for which of the following?

- Fire
- ~~Machine malfunction~~
- Severe weather
- Medical emergency

Fire Safety, part 2, slide # 13

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~~

Fire Safety, part 2, slide # 11

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

- ~~A~~
- B
- ~~C~~
- ~~D~~
- ~~ABCD~~

Fire Safety, part 2, slide # 4



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

Fire Safety, part 2, slide # 7

In a collision shop, OSHA requires explosion-proof electrical wiring and lighting in which areas?

- 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

Fire Safety, part 1, slide # 11

Bonding two containers before transferring flammable liquids:

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

Fire Safety, part 1, slide # 14

