

May Quiz Questions

Engineering Controls

1. If a hazardous material can not be eliminated or substituted, engineering controls are the first line of defense to isolate people from the hazard.

- A. True
- B. False

2. Which is a correct statement about chemical fume hoods?

- A. They are used to contain and exhaust hazardous fumes, vapors, or dust.
- B. They must be tested annually by EHS to ensure they are working properly.
- C. They should be kept clean and clear of items that may impede proper air flow and normal operation.
- D. All of the above

3. Which of the following would be considered engineering controls?

- A. Downdraft tables
- B. Biological safety cabinets
- C. Centrifuge rotor lids/bucket covers with O-Ring seals
- D. Self-shielded x-ray cabinets with door interlocked

[Redacted]

[Redacted]

[Redacted]

- B. Elbow and body need to stay close to your work
- C. Select lightest pipette
- D. Twisting or rotating your wrists
- E. Using multi-channel or electronic pipette to reduce repetitions

8. When using the biological safety cabinet, which is the ergonomically friendly way to use it?

- A. Keep your head

[Redacted]

[Redacted]

[Redacted]