# Chemical Management Safety Quiz

Name: Click or tap here to enter text.
Date: Click or tap to enter a date.

Study the Lawson Chemical Safety Presentation before completing this quiz. Carefully read each question and then click the box located beside the correct answer(s). Please submit the completed quiz to **lawsonhealthandsafety@lawsonresearch.com**

1. What is the most effective and least effective method of controlling exposure to hazards?

[ ]  a. Most effective: PPE; Least effective: Substitution

[ ]  b. Most effective: PPE; Least effective: Elimination

[ ]  c. Most effective: Elimination; Least effective: PPE

[ ]  d. Most effective: Engineering controls; Least effective: Administrative controls

1. Please select all that apply: Routes of entry into the body include:

[ ]  a. Inhalation

[ ]  b. Injection

[ ]  c. Irritation

[ ]  d. Absorption

[ ]  e. Ingestion

1. The basic lab attire required to work safely in the lab include (select all that apply):

[ ]  a. Lab coat

[ ]  b. Safety eyewear

[ ]  c. Shorts

[ ]  d. Closed toe shoes

[ ]  e. Full length pants

[ ]  f. Gloves

1. A Fume Hood is the same thing as a Biological Safety Cabinet and they can be used interchangeably:

[ ]  T [ ]  F

1. Optimal sash height on a Fume Hood should be between:

[ ]  a. Between 1 ft and 2 ft (30 – 60cm)

[ ]  b. Between 1 inch and 2 inches (2.5 – 5cm)

[ ]  c. Between 6 inches and 12 inches (15 – 30cm)

[ ]  d. Between 3 inches and 5 inches (7.5 – 12.5cm)

1. Liquids stored on lab shelves:

[ ]  a. Can be stored at any height

[ ]  b. Can be stored with solid compounds and elements

[ ]  c. Should be stored no higher than the shoulder height of the shortest person in the lab

[ ]  d. Should be stored at eye height of the tallest person in the lab

1. Glacial Acetic Acid is listed as a Class 3/Class 8 flammable-corrosive liquid. It should be stored:

[ ]  a. Under the sink

[ ]  b. In an approved flammable cabinet

[ ]  c. In an approved corrosive cabinet

[ ]  d. On the shelf with the general lab chemicals

1. Toxicity is a measure of:

[ ]  a. The rate at which a chemical makes you sick

[ ]  b. The poisoning strength of a chemical

[ ]  c. The environmental contamination the chemical can cause

1. In case of emergency, what is the number you should dial on any hospital/lab phone?

Click or tap here to enter text.

1. You should always clean up a spill of material that you are unsure of?

[ ]  T [ ]  F