



WORKPLACE SAFETY

A W A R E N E S S C O U N C I L

Hazardous Locations Quiz – Trainers Module

Please mark the correct answer below:

1. Areas defined as “Hazardous” will:

- a. Be documented
- b. Documentation will be available
- c. Classification under supervision of qualified registered engineer
- d. All the above

Correct answer is “d”. Refer to 1910.307(b) and 1910.307(g)(4)(i)

2. Areas where flammable gases or vapors are or may be present in the air in sufficient quantities to be explosive or ignitable are classified as:

- a. Class I
- b. Class II
- c. Class III
- d. Hazardous

Correct answer is “a”. Refer to 1910.399 - Definitions

3. Areas that are considered hazardous because of the presence of combustible fibers are classified as:

- a. Class I
- b. Class II
- c. Class III
- d. Hazardous

Correct answer is “c”. Refer to 1910.399 - Definitions

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4. Areas that are considered hazardous because of the presence of combustible dust are classified as:

- a. Class I
- b. Class II
- c. Class III
- d. Hazardous

Correct answer is "b". Refer to 1910.399 - Definitions

5. Equipment shall be approved not only for the class of location, but also for the ignitable or combustible properties of the specific gas, vapor, dust, or fiber that will be present. This statement is:

- a. True
- b. False

Correct answer is "a" (True). Refer to 1910.307(c)(2)(i)

6. What classification would be used at locations where volatile flammable liquids or flammable gases or vapors are used, but which would become hazardous only in case of an accident or of some unusual operating condition.

- a. Class I, Division I
- b. Class II
- c. This is not considered a hazardous location
- d. Class I, Division 2:

Correct answer is "d". Refer to 1910.399 - Definitions

7. A facility may contain multiple classifications in various parts of a building. For example the storage room may be classified as Class III and a production area may be classified as a Class I Location. Is this statement

- a. True
- b. False

Correct answer is "a" (True). Refer to 1910.307(a)

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8. Equipment, wiring methods, and installations of equipment in hazardous (classified) locations shall be:

- a. intrinsically safe
- b. approved or safe for the hazardous (classified) location
- c. waterproof
- d. Both a and b

Correct answer is "d". Refer to 1910.307(c)

9. Conduits shall be threaded with a standard conduit cutting die that provides _____ taper per ft.

- a. 1/4"
- b. 1/2"
- c. 3/4"
- d. 1"

Correct answer is "c". Refer to 1910.307(g)(2)(iii)

10. Conduits shall be threaded and made wrench tight or a bonding jumper shall be used on the fitting connection.

- a. True
- b. False

Correct answer is "a" (True). Refer to 1910.307(d)