

Dangers of Carbon Monoxide (CO) and Inhalation Hazards

Post-Test

Name: _____

Date: _____

1. Which industry is exposed to the most crystalline silica?
 - a. Construction Industry
 - b. Food Processing Industry
 - c. Tower Construction Industry
 - d. all of the above

2. Silicosis is caused by:
 - a. exposure to respirable crystalline silica dust.
 - b. generators, cars, lawn mowers, and power washers.
 - c. over exposure to radiation.
 - d. exposure to rodent falsies.

3. What can employers/employees do to protect against exposures to crystalline silica? (Choose all that apply)
 - a. Participate in training
 - b. Be aware of the operations and job tasks creating the exposure
 - c. Health Screenings
 - d. All of the Above

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4 . How many Red Blood Cells in one ounce of blood?

- a. 40 million
- b. 20 million
- c. 150 Billion
- d. 120 million

5. The chemical bond attraction for CO to hemoglobin is _____ stronger than that of oxygen's bond with hemoglobin.

- a. 200 times
- b. 100 times
- c. 20 times
- d. 10 times

6. NIOSH estimates that _____ workers are exposed to Diesel Exhaust (DE).

- a. 1.3 million
- b. 80,000
- c. 100,000
- d. 2 Million

7. Diesel Exhaust is considered a serious potential for occupational carcinogen hazard.

- a. True
- b. False

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8. What is the most effective form of DE/Diesel Particulate Matter (DPM) Control?
- a. Engineering
 - b. Administrative
 - c. PPE
 - d. Don't worry about it
9. Which of the following create acid mists that also irritate the lungs and eyes?
- a. Sulfur oxides
 - b. Nitrogen oxides
 - c. Carbon Monoxide
 - d. Nitrogen Sulfide
10. Limiting speeds and using one way travel routs are examples of what type of control?
- a. Engineering
 - b. Administrative
 - c. PPE
 - d. Vehicle
11. What is the permissible exposure limit that has been set for DPM by the Occupational Safety and Health Administration?
- a. 50 ppm
 - b. 22 ppm
 - c. 100 ppm
 - d. No Permissible Exposure Limit (PEL) has been set

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12. What is the number of hours in which half-life of CO occurs?
- a. 9 Hours
 - b. 20 Hours
 - c. 2 Hours
 - d. 5 Hours
13. Which of the following is produced by the incomplete burning of various fuels, products and equipment powered by internal combustion engines, such as portable generators, cars, lawn mowers, and power washer?
- a. Crystalline Silica
 - b. Carbon Monoxide
 - c. Diesel Exhaust
 - d. Diesel Particular Matter
14. Which of the following is formed when CO is inhaled into the lungs?
- a. Carboxyhemoglobin (COHgb)
 - b. CarboOxyblogin (CObbn)
 - c. HemoOxyglobin (HgObl)
 - d. none of the above
15. Workers have a right to safe and healthful working conditions.
- a. True
 - b. False

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