

## Silica Training PreTest/Post Test with Answer Key

The correct answer to each question is shown in bold.

1. Silica is in which of the following?
  - Granite, and other types of rock
  - Concrete
  - Some dry wall joint compound
  - All of the above**
2. Which of the following activities create large amounts of visible and invisible silica dust?
  - Cutting
  - Grinding
  - Dry wall finishing
  - All of the above**
3. The silica dust that is small enough to get deep into your lungs (respirable silica dust) is too small to see. It is invisible.
  - True**
  - False
4. You can have the same amount of respirable silica dust exposure, or even more, from tasks someone else is doing near you - beside you, above you, or below you.
  - True**
  - False
5. Chronic silicosis is a lung disease that develops slowly over years due to the invisible respirable silica dust that gets deep into your lungs, which makes it gradually harder and harder to breathe.
  - True**
  - False
6. Controls to reduce exposure to respirable silica include which of the following:
  - Wet cutting
  - Shrouds and HEPA dust collection system
  - Equipment in good working condition
  - All of the above**
7. Excluding hood type respirators, a respirator needs to have a tight seal to the skin of your face in order to keep dust out of your lungs.
  - True**
  - False
8. You can check to see if a product you are going to use contains silica by reading the product label and safety data sheet (SDS).

Silica: Why you want to keep the dust out of your lungs and how to do it  
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- True**
  - False
9. Wet methods mean a stream of water is applied to the surface as it is being cut. This is best done using a continuous feed water system that has been built into the equipment.
- True**
  - False
10. Use of a handkerchief or one strap mask will protect your lungs from respirable silica.
- True
  - False**
11. Under the Occupational Safety and Health Act, workers have the right to:
- Two ten minute breaks and a lunch break
  - A safe work place**
  - Overtime pay
  - Two weeks of vacation
12. OSHA Table 1 requires use of APF 25 respirators when tuckpointing (hand held mortar routing) is done for more than 4 hours a day. Which of the following are both at least APF 25 respirators:
- 1/2 face elastomeric respirator and full face elastomeric respirator
  - 1/2 face elastomeric respirator and Powered air purifying respirator
  - full face elastomeric respirator and Powered air purifying respirator**
  - 1/2 face elastomeric respirator and a disposable respirator (N95)
13. When should compressed air be used for cleaning up dust that might contain silica?
- To clean surfaces, inside
  - To clean surfaces, outside
  - To clean off clothing at the end of the day
  - Never**
14. If you see visible silica dust being generated, it probably means the level of invisible silica dust is too high.
- True**
  - False
15. For any given task (if all other conditions remain the same) the concentration (level) of dust in the air will be higher inside than the same task done outside.
- True**
  - False