Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Which activity is likely to cause a potential exposure to silica?
* Removing Carpet
* Cutting Wood 2” x 4”s
* Painting a Garage Floor
* Chipping Concrete
1. Workers exposed to respirable crystalline silica are at an increased risk of developing lung cancer and kidney disease.
* True
* False
1. The Action Level for exposure to silica set by OSHA is 50 micrograms per cubic meter of air.
* True
* False
1. Employers have two options to comply with the new silica standard. The options are:
	* Comply with Table 1
	* Conduct air sampling to decide which exposure control measures to implement
* True
* False
1. Which of the following is not required by the silica standard *(Check all that apply)*
* Establish and implement a written exposure control plan
* Designate a competent person
* Restrict housekeeping practices
* Notify the OSHA Area Director
* Offer medical exams for workers exposed 30 or more days per year
* Train Workers
1. A worker drills 3 holes in a concrete wall for a total duration of 15 minutes. This worker likely has an exposure that exceeds the action level.
* True
* False
1. A “HEPA” filtration system removes
	* 100% of all airborne particles
	* 99.97% of particles measuring 0.3 micrograms
	* 50% of particles measuring 0.001 micrograms
	* Any particle that can be seen with by the naked eye
2. A worker using a saw to cut masonry block will not have an exposure if a coworker uses a 1 gallon pump sprayer (Hudson sprayer) to mist the airborne dust.
	* True
	* False
3. If you use a filter-type respirator as protection against silica dust, it should have an assigned protection factor (APF) of at least
	* 10
	* 50
	* 100
	* 1,000
4. Any worker adjacent to a task that is creating potential silica exposure is also required to be protected from potential exposure
	* True
	* False

**ANSWER KEY**

1. **Chipping Concrete**
2. **True**
3. **False**
4. **True**
5. **Notify the OSHA Area Director**
6. **False**
7. **99.97% of particles**
8. **False**
9. **10**
10. **True**