COMPETENT PERSON TEST

1. True or False: Crystalline silica is a common mineral that occurs in many naturally occurring and man-made materials used at construction sites.

2. True or False: Inhaling very small crystalline silica can be hazardous to employee health.

3. Name four common construction materials that may contain silica:
   __________________________
   __________________________
   __________________________
   __________________________

4. Name three common construction tasks where respirable crystalline exposure could occur:
   __________________________
   __________________________
   __________________________

5. True or False: Silicosis is an irreversible lung disease that can occur after years of exposure to respirable silica or after months of exposure to extremely high levels of respirable silica.

6. Silica exposure has been associated with which of the following health effects (circle all that apply):
   a. Chronic bronchitis
   b. Emphysema
   c. Kidney disease
   d. Autoimmune conditions
   e. Increase risk for active TB infection
   f. Lung Cancer

7. What is the permissible exposure limit for respirable crystalline silica under OSHA’s new silica standard?
8. Name two engineering controls that must be used to reduce employee exposure to silica?

_______________________

_______________________

9. True or False: Large amounts of visible dusts or a noticeable increase in dust generation during a task generally indicates that controls are not fully and properly implemented.

10. True or False: Employees must operate equipment in accordance with manufacturer’s instructions.

11. Name two work practice controls that can be used to reduce employee exposure to silica?

_______________________

_______________________

12. True or False: Employees may engage in dry sweeping or dry brushing where such activity could contribute to your exposure to respirable crystalline silica.

13. True or False: Employees may use compressed air on clothing and work surfaces.

14. When must access to work areas be restricted to essential personnel (circle all that apply)?

   a. when the task requires the use of a respirator
   b. when exposure is above the permissible exposure limit
   c. at all times
   d. when other contractors are onsite
   e. only when required by the prime contractor

15. Name two ways to restrict access to work areas?

_______________________

_______________________

© Copyright 2017 by the Mason Contractors Association of America (MCAA). All rights reserved. Reproduction in whole or in part of any documents or PowerPoint presentations on MCAA's Silica Train-the-Trainer program is prohibited without the express written consent of the MCAA. Permission to copy and use these materials is hereby granted for a period of two years for employers to train employees within their own company if and only if a company representative has attended the Silica Train-the-Trainer course every two years. Unauthorized reproduction or use is subject to fines and penalties under federal law.
16. What type of respirator(s) must employees wear when exposed to respirable silica exposure?

17. Respirators must be worn (circle all that apply):
   a. When installing or implementing controls or work practices
   b. For tasks where engineering controls and work practices are not feasible
   c. When engineering controls and work practices cannot reduce exposure to below the PEL
   d. Whenever Table 1 requires it
   e. Whenever you deem it necessary to protect employees from exposure

18. The Written Exposure Control Plan must contain which of the following (circle all that apply):
   a. A description of the tasks that involve exposure to respirable crystalline silica
   b. A description of the engineering controls, work practices, and respiratory protection used to limit employee exposure to respirable crystalline silica for each task
   c. A description of the housekeeping measures used to limit employee exposure to respirable crystalline silica
   d. A description of the procedures used to restrict access to work areas to minimize the number of employees exposed to respirable crystalline silica and their level of exposure

19. True or False: Employees must be informed of the engineering controls, work practice controls and personal protective equipment to be used on the worksite.

20. True or False: Employees must be informed who the competent person is on each worksite.

21. True or False: The competent person has authority to take prompt corrective action if the written exposure control plan is not followed.

22. Name two corrective actions that can be implemented if the written exposure control plan is not followed.
23. Medical surveillance must be provided to employees who are required to wear a respirator for _____ days a year.

   a. 45  
   b. 30  
   c. 90  
   d. 60

24. Medical surveillance is required every _____ years or more frequently if recommended by the physician.

   a. 3  
   b. 2  
   c. 5  
   d. 10

25. True or False: Employees must be provided access to safety data sheets for silica-containing substances.
ANSWER KEY TO COMPETENT PERSON TEST

1. True

2. True

3. Any of the following could be named:
   - Stone
   - Rock
   - Concrete
   - Brick
   - Block
   - Mortar
   - Cement
   - Tile

4. Any of the following could be named:
   - Grinding
   - Crushing
   - Hauling
   - Chipping
   - Hammering
   - Drilling
   - Sawing
   - Blasting
   - Dry sweeping
   - Compressed air
   - Mixing mortar or concrete

5. True

6. All should be circled

7. C

8. Wet cutting or vacuum dust collection
9. True

10. True

11. Any of the work practices adopted under the WECP can be named
12. False

13. False

14. A & B

15. Any of the restrictions adopted under the WECP can be named
   - Schedule certain tasks when others are not around
   - Post warning signs, cones or barrier tape
   - Tell employees to stay out of areas where dust is generated if they do not need to be in the area
   - Move employees to areas where they are not exposed to dust if possible
   - Other: ________________________________

16. The specific respirator assigned to employees should be named here

17. All should be circled

18. All should be circled

19. True

20. True

21. True

22. Any of the corrective actions can be named:
   - Ensure controls are set up in accordance with manufacturing instructions
   - Share the WECP with employees
   - Instruct employees on how to use controls
   - Stop work to adjust equipment and/or change filters
   - Ensure that employees are wearing their respirator correctly
   - Discipline employees for failing to following the WECP
   - Answering questions from employees about equipment, controls and requirements

23. B
24. A

25. True