



**Results for:**  
Silica Awareness Safety

**Company Name:**  
Apex Fire Systems, Inc.

**Points:**  
100 out of 100

**Duration:**  
0 min, 50 sec

**Percentage:**

**100.00%**

**Employee Name:**  
Jay Hernandez

**Title:**  
Silica Awareness Safety

**Date finished:**  
Oct Mon October 2021 06:28

**Date started:**  
Oct Mon October 2021 06:27

### Question 1 of 10

**Materials like sand, concrete, stone and mortar contain crystalline silica.**

Correct answer: **(A)**

Selected answer: **(A)**

A) True

B) False

### Question 2 of 10

**Silica is safe when it becomes airborne.**

Correct answer: **(B)**

Selected answer: **(B)**

A) True

B) False

### Question 3 of 10

**Silica can become airborne when tasks such as cutting and grinding are performed.**

Correct answer: **(A)**

Selected answer: **(A)**

A) True

B) False

### Question 4 of 10

**When cleaning silica, it is ok to dry sweep.**

Correct answer: **(B)**

Selected answer: **(B)**

A) True

B) False

### Question 5 of 10

The new OSHA standard sets the PEL at 50 micrograms of respirable silica per cubic meter of air ( $\mu\text{g}/\text{m}^3$ ), averaged over an eight-hour day.

Correct answer: (A)

Selected answer: (A)

A) True

B) False

### Question 7 of 10

Table 1 of the OSHA standard does not identify the use of respiratory protection.

Correct answer: (B)

Selected answer: (B)

A) True

B) False

### Question 9 of 10

According to OSHA's table 1, if using a power saw to cut concrete outdoors for more than 4 hours:

Correct answer: (B)

Selected answer: (B)

A) Respiratory protection with an APF of at least 5 is needed.

B) Respiratory protection with an APF of at least 10 is needed.

C) No respiratory protection is needed.

D) Respiratory protection with an APF of at least 15 is needed.

### Question 6 of 10

Typical engineering controls include the use of water and a vacuum with a HEPA filter system.

Correct answer: (A)

Selected answer: (A)

A) True

B) False

### Question 8 of 10

"APF" means Assigned Protection Factor and applies to the mask, not the cartridges.

Correct answer: (A)

Selected answer: (A)

A) True

B) False

### Question 10 of 10

Symptoms of silicosis include fever, cough, and fatigue.

Correct answer: (A)

Selected answer: (A)

A) True

B) False