

Lab 2 - Navigating Regulations

Due Aug 31 at 7am

Points 18

Questions 18

Time Limit 180 Minutes

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	49 minutes	18 out of 18

⚠️ Correct answers are hidden.

Score for this quiz: **18** out of 18
Submitted Aug 30 at 10:55am
This attempt took 49 minutes.

Question 1

1 / 1 pts

What is the permissible exposure limit for acetone in parts per million (ppm)?

☐ 100

☐ 10,000

☒ 1,000

☐ 1

☐ 10

Question 2

1 / 1 pts

What is the permissible exposure limit for 2-methyl propanol in mg/m³?

☐ 500

☐ 200

☐ 400

☒ 300

☐ 100

Question 3

1 / 1 pts

For diisobutyl ketone, the OSHA PEL is listed in Table Z-1 as 290 mg/m³. Is this value exact or approximate?

☒ Approximate, because the value in ppm is exact in this case

☐ Exact, because the value in ppm is approximate in this case

☐ No answer text provided.

☐ No answer text provided.

Question 4

1 / 1 pts

What temperature and pressure does OSHA use to calculate the PEL in ppm for vapors?

☐ 20 degrees C and 760 torr

☐ 70 degrees F and 760 torr

☐ 0 degrees C and 101 kPa

☒ 25 degrees C and 760 torr

- ☐ 70 degrees F and 101 kPa

Question 5

1 / 1 pts

What is the ACGIH TLV for dichloroethyl ether in ppm?

☐ 90

☒ 5

☐ 30

☐ 15

☐ 10

Question 6

1 / 1 pts

Which is lower, the TLV or PEL for 1,3-Butadiene?

☐ No answer text provided.

☒ PEL

☐ TLV

☐ No answer text provided.

Question 7

1 / 1 pts

What is the PEL for cadmium in $\mu\text{g}/\text{m}^3$?

☐ 1

☐ 10

☐ 15

☒ 5

☐ 50

Question 8

1 / 1 pts

How many days do you have to notify employees of cadmium monitoring results?

☐ 10

☐ OSHA does not specify

☐ 30

☐ 5

☒ 15

Question 9

1 / 1 pts

How accurate must cadmium exposure measurements be?

☐ +/- 20 %

☐ OSHA does not specify

☐ +/- 5%

☒ +/- 25%

☐ +/- 10%

Question 10

1 / 1 pts

How clean must surfaces be with respect to cadmium contamination?

☐ <10 mg/100 cm²

☐ <5 mg/100 cm²

☐ As free as practical

☐ OSHA does not specify

☒ As free as practicable

Question 11

1 / 1 pts

Where must a copy of the noise standard be posted if the employer has high noise environments?

☐ OSHA does not specify

☐ On the internet

☐ In a file cabinet

☒ In the workplace

☐ On a bulletin board

Question 12**1 / 1 pts**

How long must noise exposure measurement records be retained?

- ☐ 10 years
- ☐ 40 years
- ☐ 25 years
- ☒ 2 years
- ☐ 1 year

Question 13**1 / 1 pts**

For which industry is a hearing conservation program not required?

- ☒ Oil and gas well drilling and servicing operations
- ☐ All industries with high noise levels are required to have hearing conservation programs
- ☐ Highway Construction
- ☐ Musicians

Question 14**1 / 1 pts**

According to the Respiratory Protection Standard and corresponding interpretation letters, may an employee have facial hair and use a tight fitting respirator?

- ☐ No answer text provided.
- ☐ No, in all circumstances
- ☐ Yes, for religious/cultural reasons
- ☒ Yes, provided it does not interfere with the seal

Question 15

1 / 1 pts

What is the PEL in mg/m^3 for Chromium(III) chloride (also called chromic chloride)?

- ☐ 10
- ☐ 1
- ☐ 15
- ☒ 0.5
- ☐ 5

Question 16

1 / 1 pts

According to the OSHA Field Operations Manual, when should a compliance officer determine if air sampling is required?

- ☒ Early in the inspection process
- ☐ OSHA does not specify
- ☐ Within 24 hours

- ☐ Within 8 hours

Question 17

1 / 1 pts

According to the OSHA Field Operations Manual, can OSHA enforce the requirements of the noise standard for members of the flight deck crew?

☐ No answer text provided.

☒ No

☐ No answer text provided.

☐ Yes

Question 18

1 / 1 pts

According to the OSHA Field Operations Manual, when hearing protection is required but not used and employee exposures exceed the limits, what classification of citation is issued?

☐ Other than serious

☒ Serious

☐ Failure to abate

☐ de minimus

☐ Willful

Quiz Score: **18** out of 18

