

# Air Quality



1.

True or False: Carbon Monoxide (CO) is absorbed 200 times more by haemoglobin than oxygen is.

- ☐ A. True
- ☐ B. False

None ☒

2.

Which statement is NOT correct?

- ☐ A. Carbon dioxide (CO<sub>2</sub>) in excessive quantities increases the rate of breathing and in deeper diving causes respiratory risk
- ☐ B. Excessive moisture can make regulators freeze or fail to open
- ☐ C. Low levels of Carbon monoxide (CO) in the breathing gas can only result in mild CO intoxication
- ☐ D. Especially smaller oil particles create health concerns as they will not be removed by the body's clearance mechanisms and can cause inflammation

None ☒

3.

True or False: CO contamination usually arises from impurities in the air taken into the compressor or from contaminants generated by the compressor itself.

- ☐ A. True
- ☐ B. False

None ☒

4.

When filling cylinders, the compressor's air intake should:

- ☐ A. Be placed upwind from the exhaust
- ☐ B. Be placed upwind from any source of contamination
- ☐ C. Be placed at least 15m away from the compressor itself
- ☐ D. A&B
- ☐ E. All of the above

None ☒

5.

When using a compressor, you must:

- ☐ A. Make sure the correct compressor oil and filters are used
- ☐ B. Regularly check that the air intake hose is not damaged and couplings are not loose
- ☐ C. Ensure proper maintenance of the compressor
- ☐ D. Regular check the quality of the air
- ☐ E. A&C
- ☐ F. All of the above

None ☒

6.

What can the diver do to reduce the risk of CO intoxication?

- ☐ A. Only obtain air or breathing gas fills from a reputable dive centre, club or dive shop
- ☐ B. Ask the air supplier how often they check the quality of their air and if they periodically perform compressor maintenance and have a compressor log
- ☐ C. If possible, check the location of the air intake of the compressor
- ☐ D. Avoid smoking immediately prior to the dive as cigarette smoke also contains CO
- ☐ E. Check your air cylinder for the presence of CO using a personal CO detector device, especially if you have concerns about the quality of the air supplier or when you cannot determine how the dive cylinders were filled
- ☐ F. All of the above

None ☒

7.

Which of the following is NOT a sign or symptom of CO intoxication?

- ☐ A. Headache and sensation of pressure inside the head
- ☐ B. Vertigo
- ☐ C. Nausea
- ☐ D. Over-confidence and sense of well-being
- ☐ E. Breathlessness with exertion
- ☐ F. Confusión
- ☐ G. All of the above are signs and symptoms of CO intoxication

None ☒

8.

What should the diver do, when experiencing signs and symptoms of CO intoxication?

- ☐ A. The diver should stop breathing from the contaminated cylinder and end the dive
- ☐ B. The diver should ascent a few meters, while taking deep breaths
- ☐ C. The diver should descent until signs and symptoms disappear

None ☒

9.

True or False: in case of CO intoxication, 100% Oxygen should be administered as soon as possible.

- ☐ A. True
- ☐ B. False

None ☒

10.

True or False: divers with a severe CO intoxication can benefit from treatment in a hyperbaric chamber.

- ☐ A. True
- ☐ B. False

None ☒