

Nitrox Diver – Module 2 – Version 1

1. Within the diving industry, there is consensus that blends up to 40% may be handled as in the same way as air.

- a) True
- b) False

2. Which of the following are markings that may be found on a Nitrox cylinder (check all correct answers)?

- a) A 10 centimeter wide green band with text
- b) A sticker that indicates the norm to which the cylinder and valve are cleaned
- c) A tag with blending data, maximum depth and name of the diver
- d) A sticker with blending data, maximum depth and name of the diver
- e) An orange 10 centimeter wide band on which is written: Nitrox

3. A main concern for auto igniting grease or oil is the creation of carbon monoxide, which is a poison.

- a) True
- b) False

4. To insure correct analyses, an oxygen analyser requires you to open the cylinder valve completely. If the flow is too limited, the reading will be wrong.

- a) True
- b) False

5. Ultimately it is the manufacturer who decides on any precautions and modifications that are required if a regulator or SPG is used with oxygen rich blends.

- a) True
- b) False

6. The increased risk of fire and explosion depends on three factors. These are (check three of the below options):

- a) A reactor (Nitrogen).
- b) An oxidizer (oxygen).
- c) An ignition source (such as heat).
- d) An oxidizer (such as carbon monoxide).
- e) A substance that can burn (fuel).
- f) An ignition source (such as oxygen).

7. Corrosion and other types of wear are faster with Nitrox than with air. You cannot expect equipment that is used with Nitrox to last as long as equipment used with air.

- a) True
- b) False

8. An increased rate in the arrival of oxygen to a fire will increase the intensity of the fire.

- a) True
- b) False

9. Blenders occasionally make use of the diving cylinder as a "blending container". This is called "partial-pressure-blending" directly in the cylinder. In that case additional precautions apply, because the cylinder comes in contact with pure oxygen.

- a) True
- b) False

10. After analysing the blend, you must formally accept the Nitrox cylinder. This is done by telling the blender that you accept the cylinder.

- a) True
- b) False