



Nitrox Mix Quiz

1. What is Nitrox?
2. What does the abbreviation MOD stand for?
3. What are the two factors that determine MOD?
4. Calculate from first principles the MOD for a 32% Nitrox mix using
 - a. pO_2 max = 1.4 atm
 - b. pO_2 max = 1.5 atm
 - c. pO_2 max = 1.6 atm
5. You have a nearly empty cylinder, and you want to blend a 28% nitrox mix. You have a G cylinder of oxygen and a compressor you routinely use for air fills.
 - a. What precautions do you need to take before you commence the mixing process?
 - b. How do you actually carry out the mixing process to achieve EAN 28.
6. What is a nitrox blending stick and how does it work?
7. What is the 40% rule?
 - a. Many in the industry are now advocating a 25% rule. Why?
8. You are planning a dive to 42m. What EAN mix would you choose to use and why?