

Effects of Various Oxygen Levels

Oxygen by Volume	Resulting Condition / Effect on Humans
23.5% and above	Oxygen enriched, extreme fire hazard
20.9%	Oxygen concentration of air
below 19.5%	Oxygen deficient
17%	First signs of hypoxia, deterioration of night vision
16%	Disorientation, impaired judgment and breathing
14%	Faulty judgment, rapid fatigue
8%	Mental failure, fainting
6%	Difficulty breathing, death in minutes

Source: NIOSH