



CERTIFICATE OF CONFORMANCE

Keen Compressed Gas Co. Quality Control Program, Enables Keen To Meet or Exceed the Minimum Specifications Listed For The Product Grades Named Below In Compliance With Standard Operating Procedures, Industry and/or Government Guidelines. The Product Grades Below Are Eligible To Be Received With A Certificate of Batch or Individual Cylinder Analysis Upon Request.

OXYGEN (O₂)

	Industrial ^{1,5}	USP ^{1,2,5,6}	Aviators ^{1,3,5}	Grade 2.6 ^{1,5}	Grade 4.4 ^{1,5,7}	Grade 4.7 UHP ^{1,5,7}
Minimum Purity:	99.0	99.2	99.5	99.6	99.94	99.997
Argon ⁵:	NT	NT	NT	NT	≤ 35 ppm	≤ 10 ppm
Nitrogen ⁵:	NT	NT	NT	NT	≤ 10 ppm	≤ 5.0 ppm
Krypton ⁵:	NT	NT	NT	NT	≤ 10 ppm	≤ 10 ppm
Carbon Dioxide:	NT	NT	NT	NT	≤ 2.0 ppm	≤ 2.0 ppm
Carbon Monoxide:	NT	NT	NT	NT	≤ 2.0 ppm	≤ 2.0 ppm
Odor ⁵:	NT	None	None	None	None	None
Total Hydrocarbon ⁵:	NT	NT	NT	NT	≤ 1.0 ppm	≤ 1.0 ppm
Moisture ⁵:	NT	NT	≤ 6.6 ppm	≤ 5.0 ppm	≤ 1.0 ppm	≤ 1.0 ppm
Dew Point ⁵:	NT	NT	-82°F	-86°F	-105°F	-105°F
Boiling Point:	-361°F	-361°F	-361°F	-361°F	-361°F	-361°F
CGA Connection:	540	540 /870	540	540	540	540
Lot Label Tracking:	No	Yes	Yes	Yes	Yes	Yes
Reference Item No:	OX2	OX2USP	OX2AV	RSG 470	RSG 472	RSG 458
TECHNICAL						
UN ID:	1072			Molecular Weight:	32 g/mol	
DOT Classification:	2.2 (5.1) Non-Flammable Gas, Oxidizing			Specific Volume:	12.1 cf/lb	
DOT Ship Name:	Oxygen, Compressed			CAS NO:	7782-44-7	

Notes:

- Produced by Air Liquefaction Process, testing exempt under USP compendium
- USP- Medical Oxygen, United States Pharmacopeia
- Aviators Breathing Oxygen (ABO) Is Not A Medical Gas and Therefore Is Not Classified As a Drug (R_x)
- NT – Not Tested
- Certificate of Analysis Specification Results Available Upon Request
- Food Chemical Codex For Food Grade Oxygen Does Not Exist. The USP and FCC Monographs Are Owned By The Same Organization, Therefore USP Monograph Will Be Used For Food Grade Oxygen
- Meets MIL-PRF-225508F Specification Grade A, B, C

Total Customer Satisfaction