



## 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 (O<sub>2</sub>)

	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
<b>Minimum Purity:</b>	99.0	99.2	99.5	99.6	99.94	99.997
<b>Argon</b> <sup>5</sup> :	NT	NT	NT	NT	≤ 35 ppm	≤ 10 ppm
<b>Nitrogen</b> <sup>5</sup> :	NT	NT	NT	NT	≤ 10 ppm	≤ 5.0 ppm
<b>Krypton</b> <sup>5</sup> :	NT	NT	NT	NT	≤ 10 ppm	≤ 10 ppm
<b>Carbon Dioxide:</b>	NT	NT	NT	NT	≤ 2.0 ppm	≤ 2.0 ppm
<b>Carbon Monoxide:</b>	NT	NT	NT	NT	≤ 2.0 ppm	≤ 2.0 ppm
<b>Odor</b> <sup>5</sup> :	NT	None	None	None	None	None
<b>Total Hydrocarbon</b> <sup>5</sup> :	NT	NT	NT	NT	≤ 1.0 ppm	≤ 1.0 ppm
<b>Moisture</b> <sup>5</sup> :	NT	NT	≤ 6.6 ppm	≤ 5.0 ppm	≤ 1.0 ppm	≤ 1.0 ppm
<b>Dew Point</b> <sup>5</sup> :	NT	NT	-82°F	-86°F	-105°F	-105°F
<b>Boiling Point:</b>	-361°F	-361°F	-361°F	-361°F	-361°F	-361°F
<b>CGA Connection:</b>	540	540 /870	540	540	540	540
<b>Lot Label Tracking:</b>	No	Yes	Yes	Yes	Yes	Yes
TECHNICAL						
<b>UN ID:</b>	1072			<b>Molecular Weight:</b>	32 g/mol	
<b>DOT Classification:</b>	2.2 (5.1) Non-Flammable Gas, Oxidizing			<b>Specific Volume:</b>	12.1 cf/lb	
<b>DOT Ship Name:</b>	Oxygen, Compressed			<b>CAS NO:</b>	7782-44-7	

**Notes:**

1. Produced by Air Liquefaction Process, testing exempt under USP compendium
2. USP- Medical Oxygen, United States Pharmacopeia
3. Aviators Breathing Oxygen (ABO) Is Not A Medical Gas and Therefore Is Not Classified As a Drug (Rx)
4. NT – Not Tested
5. Certificate of Analysis Specification Results Available Upon Request
6. 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
7. Meets MIL-PRF-225508F Specification Grade A, B, C