



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.

AIR

	Industrial ¹	Breathing (Grade D) ¹	Medical Air (USP) ¹	High Purity (2.0) ^{1,6}	Air Zero (1.0) ^{1,4,6}	Ultra High Purity (0.1) ^{1,6}
Percent (%) Oxygen <small>2,5,6:</small>	19.5 – 23.5	19.5 – 23.5	19.5 – 23.5	19.5 – 23.5	19.5 – 23.5	20.0 – 22.0
Percent (%) Nitrogen:	Balance	Balance	Balance	Balance	Balance	Balance
Carbon Dioxide:	NT	≤ 500 ppm	≤ 500 ppm	≤ 1.0 ppm	≤ 1.0 ppm	None
Carbon Monoxide:	NT	≤ 10 ppm	≤ 10 ppm	≤ 0.5 ppm	≤ 0.5 ppm	≤ 0.5 ppm
Nitric Oxide:	NT	≤ 2.0 ppm ⁶	≤ 2.5 ppm	NT	NT	NT
Nitrogen Dioxide:	NT	≤ 0.5 ppm ⁶	≤ 2.5 ppm	NT	NT	NT
Odor:	None	None	None	None	None	None
Oil ¹:	None	None	None	None	None	None
Sulfur Dioxide:	NT	NT	≤ 5.0 ppm	NT	NT	NT
Total Hydrocarbon ^{5,6}:	NT	NT	≤ 5.0 ppm	≤ 2.0 ppm	≤ 1.0 ppm	≤ 0.1 ppm
Moisture ^{5,6}:	NT	≤ 10 ppm	NT	≤ 5.0 ppm	≤ 3.0 ppm	≤ 3.0 ppm
Dew Point:	-52°F	-76°F	-76°F	-85°F	-92°F	-92°F
CGA Connection:	590	346	346 / 970	590	590	590
Lot Label Tracking	No	Yes	Yes	Yes	Yes	Yes
Reference Item No:	CA2	BA2	BA2USP	RSG 036	RSG 021	RSG 038
TECHNICAL INFORMATION						
UN ID:	1002		Molecular Weight:	28.96		
DOT Classification:	2.2 Non-Flammable Gas		Specific Volume:	13.3 ft ³ /lb		
DOT Ship Name:	Air, Compressed		CAS NO:	132259-10-0		

Notes:

1. Synthesized Air Components Produced by Air Liquefaction Process
2. Oxygen Content Measured Paramagnetic Analyzation
3. NT – Not Tested
4. Zero Grade Refers to Total Hydrocarbon Less Than 1.0 ppm
5. Certificate of Analysis Specification Results Available Upon Request
6. Meets MIL-BB-A-1034B, Grade B Specification