

# Certificate of Air Quality

This certifies that  
**Sample Customer**  
 has successfully completed and meets the  
 ANSI/CGA G-7.1 "Commodity Specification for Air"  
 Grade "D" Air Quality Standard

**Collection Date:** 08/10/2011  
**Source/Location:** Sample Location  
**Customer:** Sample Customer  
**Standard:** CGA G-7.1 2004

**Analysis Date:** 08/18/2011  
**Sample ID:** #11821  
**Contact:** Sample Contact  
**Grade:** D

**Next Sample Due:** 11/10/2011  
**Sample Filter ID:** #0017  
**Collected By:** Sample Collector  
**Note:**

Analyte	Grade D Standard	Sample Analyzed	Measurement Accuracy	Limit Of Detection	Result
Oxygen (O <sub>2</sub> )	19.5 – 23.5 %	20.9 %	± 0.5 %	N/A	PASS
Nitrogen (N <sub>2</sub> )	75.0 – 81.0 %	78.1 %	± 0.5 %	N/A	PASS
Carbon Dioxide (CO <sub>2</sub> )	≤ 1000 ppm	0 ppm	± 50 ppm	100 ppm	PASS
Carbon Monoxide (CO)	≤ 10 ppm	25 ppm	± 0.5 ppm	0.5 ppm	FAIL
Odor	None/Slight	None	N/A	N/A	PASS
Oil Mist / Particulate	≤ 5 mg/m <sup>3</sup>	0.9 mg/m <sup>3</sup>	± 0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	PASS



*DL Scott*

Daniel Scott  
 Lab Manager



Traceable to NIST Standards  
 National Institute of Standards and Technology

This breathing air sample, supplied by the above named customer, was analyzed by Rocket Air Labs, LLC in accordance with the specifications found in CGA G-7.1, "Commodity Specification For Air". Rocket Air Labs warrants only the measured values of each analyte listed above and their comparison with the chosen reference standard. Ultimately only the customer can determine the appropriate reference standard for their application, the appropriate frequency of testing for their application, and the fitness of their equipment between testing intervals. Copyright © 2011 • Rocket Air Labs, LLC • PO Box 768 • Toluca, IL 61369 • www.rocketairlabs.com • (800) 830-4064.