



Specification	Compressed Gas Association Standard G- 7.1 Issued 2004 Grade L SCBA	Compressed Gas Association Standard G-7.1 Issued 2004 Grade D OSHA Breathing Air	Compressed Gas Association Standard G-7.1 Issued 2004 Grade E Underwater	National Fire Protection Association 1989, Standard on Breathing Air Quality for Fire and Emergency Services Respiratory Protection, 2008 Edition	Occupational Safety and Health Standards Commercial Diving Operations Standard 1910.430	Occupational Safety and Health Standards Personal Protective Equipment Standard 1910.134	Canadian Standards Association, CAN/CSA- Z180.1-00 2005	British Standard Respiratory Protective Devices - Compressed Air for Breathing Apparatus BS EN 12021:1999
Nitrogen, %	Not Specified	Not Specified	Not Specified	75-81	Not Specified	Not Specified	78-80 N, plus rare gases	Not Specified
Oxygen, %	19.5-23.5	19.5-23.5	20.0-22.0	19.5-23.5	Not Specified	19.5-23.5	20-22	20-22
CO <sub>2</sub> , ppm	Not Specified	1000 Maximum	1000 Maximum	1000 Maximum	1000 Maximum	1000 Maximum	500 Maximum	500 Maximum
Hydrocarbon Total, ppm	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified
Methane, ppm	Not Specified	Not Specified	25 Maximum	Not Specified	Not Specified	Not Specified	10 Maximum	Not Specified
Hydrocarbon, Non-Methane, ppm	Not Specified	Not Specified	Not Specified	25 Maximum	Not Specified	Not Specified	5 Maximum	Not Specified
CO, ppm	Not Specified	10 Maximum	10 Maximum	5 Maximum	20 Maximum	10 Maximum	5 Maximum	15 Maximum
Argon, %	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified
Water, ppm	24 Maximum	Not Specified	Not Specified	24 Maximum	Not Specified	Not Specified	27 Maximum	No Free Liquid Water; Less < 2900 PSIG System - 68 Maximum, Greater than 2900 PSIG - 48 Maximum
DewPoint, degrees F	-65 Maximum	Not Specified	Not Specified	Not Specified	Not Specified	-50 Maximum	-63 Maximum	Not Specified
DewPoint, degree C	-53.9 Maximum	Not Specified	Not Specified	Not Specified	Not Specified	-45.6 Maximum	-53 Maximum	-11 degrees C; or 5 degrees C below likely lowest use temperature
Oil & Particulates, mg/cubic meter	Not Specified	5 Maximum	5 Maximum	2 Maximum (Minimum 500 L Sample Volume)	5 Maximum	5 Maximum	1 Maximum	0.5 Maximum
Odor	No pronounced odor	No pronounced odor	No pronounced odor	Not a pronounced or usual odor	No noxious or pronounced odor	Lack of noticeable odor	No Pronounced Odor	Without Significant Odor