

Parameter/Equipment	Range	CMC ^{2,6} (±)	Comments
Gas Detection – Including, But Not Limited to:			
Carbon Dioxide	10 % Balance N ₂	2.5 % of Cal Gas	Calibration gases
Carbon Dioxide	5 % Balance N ₂	0.12 % of Cal Gas	
Methane	2.5 % Balance Air	0.076 % of Cal Gas	
Oxygen	15 % Balance N ₂	0.35 % of Cal Gas	
Oxygen	19 % Balance N ₂	0.5 % of Cal Gas	
Oxygen	0.4 % Balance N ₂	0.061 % Of Cal Gas	
Oxygen	1000 parts in 10 ⁶ Balance N ₂	2.5 % of Cal Gas	
Carbon Dioxide	1000 parts in 10 ⁶ Balance N ₂	2.5 % of Cal Gas	
Carbon Dioxide	500 parts in 10 ⁶ Balance Air	3 % of Cal Gas	
Ethane	50 parts in 10 ⁶ Balance Air	1.1 % of Cal Gas	
Carbon Monoxide	100 parts in 10 ⁶ Balance Air	2.5 % of Cal Gas	
Carbon Monoxide	60 parts in 10 ⁶ Balance N ₂	3 % of Cal Gas	
Carbon Monoxide	10 parts in 10 ⁶ Balance Air	7 % of Cal Gas	
Hydrogen	2 % Balance Air	1.2 % of Cal Gas	
Oxygen	5 % Balance N ₂	2.5 % of Cal Gas	
Hydrogen Sulfide	25 parts in 10 ⁶ Balance N ₂	0.76 % of Cal Gas	
Hydrogen Sulfide	20 parts in 10 ⁶ Balance Air	11 % of Cal Gas	
Methane	1 % Balance Air	0.061 % of Cal Gas	
Methane	1.45 % Balance N ₂	5 % of Cal Gas	
Oxygen	20 % Balance N ₂	0.5 % of Cal Gas	
Pentane	0.35 % Balance Air	0.76 % of Cal Gas	
Other Gases as Available ⁸			

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Gas Flow	(0.3 to 100) SCFM (0 to 60 000) SCCM	0.5 % IV 0.5 % IV or 0.04 SCCM	DHI Molbloc sonic nozzle system DHI Molbloc flow calibrator
Leak Rate ³	(Down to 1.0 ⁻⁸) ATM cc/s He at 21°C	6.0 % IV	Leak detector standard