

Hydrogen H₂

Cylinder Pressure 2000 psig (138 bar)
 Cylinder Valve Outlet CGA No.
 in Air 590
 in He and N₂ 350
 DOT/TC Label
 in Air Nonflammable
 in He and N₂ Varies by Concentration
 Other Available Sizes SCOTTY™ Transportable

Recommended Equipment
 Two-Stage Regulator Model 318, Page 270
 Single-Stage Regulator Model 3300, Page 270
 Single-Station Manifold Model 8100, Page 309

in Air				Dual-Certified Standards	Single-Certified Standards	
				Gravstat	Certified	
Concentration	Size	Contents		Reference Class	Master Class	Working Class
		CF	m ³			
5 – 49 ppm	44	214	6	•	•	•
	16	83	2	•	•	•
	7	33	0.9	•	•	•
50 – 999 ppm	44	214	6	•	•	•
	16	83	2	•	•	•
	7	33	0.9	•	•	•
0.1 – 2%	44	214	6	•	•	•
	16	83	2	•	•	•
	7	33	0.9	•	•	•

in Helium				Dual-Certified Standards	Single-Certified Standards	
				Gravstat	Certified	
Concentration	Size	Contents		Reference Class	Master Class	Working Class
		CF	m ³			
5 – 49 ppm	44	199	6	•	•	•
	16	78	2	•	•	•
	7	31	0.9	•	•	•
50 – 999 ppm	44	199	6	•	•	•
	16	78	2	•	•	•
	7	31	0.9	•	•	•
0.1 – 24.9%	44	199	6	•	•	•
	16	78	2	•	•	•
	7	31	0.9	•	•	•
25 – 49%	44	199	6	•	•	•
	16	78	2	•	•	•
	7	31	0.9	•	•	•

Hydrogen continued

in Nitrogen				Dual-Certified Standards	Single-Certified Standards	
				Gravstat	Certified	
Concentration	Size	Contents		Reference Class	Master Class	Working Class
		CF	m ³			
5 – 49 ppm	44	209	6	•	•	•
	16	82	2	•	•	•
	7	32	0.9	•	•	•
50 – 999 ppm	44	209	6	•	•	•
	16	82	2	•	•	•
	7	32	0.9	•	•	•
0.1 – 24.9%	44	206	6	•	•	•
	16	81	2	•	•	•
	7	32	0.9	•	•	•
25 – 49%	44	206	6	•	•	•
	16	81	2	•	•	•
	7	32	0.9	•	•	•

For Flame Ionization Detector (FID) fuel mixtures, see page 210 or contact your Air Liquide representative.