CAC
GAS&INSTRUMENTATION

Cylinder Specifications & Warranty Information

Gas Mixture	Cylinder Size	Warranty
LEL Mixtures	103DS, 34DS	60 Months
Other Non-Reactive Gas Mixtures	103DS, 34 DS	60 Months
Ammonia/Nitrogen or Air	34DA, 65DA, 112DA	24 Months
Benzene/Air	34DA, 65DA, 112DA	24 Months
Chlorine/Nitrogen	34DA, 65DA, 112DA	9 Months
Ethanol	34DA, 65DA, 112DA	36 Months
Ethylene Oxide	34DA, 65DA, 112DA	12 Months
Hydrogen Chloride/Nitrogen	34DA, 65DA, 112DA	12 Months
Hydrogen Cyanide/Nitrogen (10ppm only)	34DA, 60DA, 112DA	18 Months
Hydrogen Sulphide at 5ppm+/Nitrogen	34DA, 65DA, 112DA	24 Months
Hydrogen Sulphide at 1ppm/Nitrogen	112DA only	6 Months
Nitric Oxide/ Nitrogen	34DA, 65DA, 112DA	18 Months
Nitrogen Dioxide/Nitrogen	34DA, 65DA, 112DA	7 Months
Nitrogen Dioxide at 25 ppm NO2 balance N2	60DA only	12 Months
Phosphine/Nitrogen	34DA, 60DA, 112DA	18 Months
Silane/Nitrogen	34DA, 60DA, 112DA	12 Months
Sulfur Dioxide/ Nitrogen or Air	34DA, 65DA, 112DA	24 Months

Cylinder	Litres	Weight (kg)	Height (mm)	Diameter (mm)	PSI	BAR
112DA	112	1.19	365	90	1000	70
103DS	103	1.40	356	83	1000	70
65DA	65	0.44	289	76	1000	70
60DA	60	1.19	365	90	500	35
34DA	34	0.44	289	76	500	35
34DS	34	0.68	279	74	500	35

Mixture Tolerances

All Mixtures, excluding Ethanol	2-20 ppm +/- 10% (relative) 21-50 ppm ± 5% (relative) 51 ppm & above ± 2% (relative)
All Ethanol Mixtures	±5.21 ppm or ± 2% whichever is greater

All gas mixtures are manufactured using scales calibrated with N.I.S.T. or NPL traceable weights.