

**AG Gases and Equipment Ltd**

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*Gases & Equipment Ltd*

## Refillable Cylinder Gases & Mixtures

<b>Gases &amp; Mixture Stability (Refillable Cylinders)</b>						
Cylinder	Pure Gases	Non-Reactive Gas Mixes	H2S Mix	SO2 Mix	Sulphide or Mercaptan Mix	Alcohol Mix
All sizes Steel	5 years	Up to 36 months	24 months (0.5%+)	12 months (1%+)	n/a	12 months (1000ppm+)
All sizes Aluminium	5 years	Up to 36 months	24 months (<5ppm - 1%)	12 months (<5ppm) 24 months (5ppm+)	6 months (<5ppm) 12 months (5ppm - 1%) 24 months (1%+)	24 months
<b>Liquids &amp; Mixture Stability (Refillable Cylinders)</b>						
Cylinder	Pure Chemicals	Non-Reactive Liquid Mixes	H2S Mix	SO2 Mix	Sulphide or Mercaptan Mix	Alcohol Mix
All sizes Steel	5 years	Up to 36 months	n/a	n/a	0 months	12 months (1000ppm+)
All sizes Aluminium	5 years	Up to 36 months	6 months (<5ppm - 0.5%)	n/a	6 months (<5ppm) 24 months (5ppm - 1%)	24 months

Information on other components and mixtures are available upon quotation.

Normally we would supply gas mixtures using British Standard (BS) valves, however we can supply CGA and DIN valves where required. We can supply variants of these standards in Brass or Stainless Steel.

For liquid mixtures we offer Single or Dual Port valves with Diptubes. Depending on if the particular mix requires an overpressure to stay as a liquid or not.

<b>High Pressure Cylinders Certified Standards</b>		
Concentration Range	Preparation Tolerance	Certification Accuracy
< 1ppm	40%	5%
1 to 9.9ppm	20%	5%
10 to 99ppm	10%	2%
100ppm to 0.99%	10%	2%
> 1%	5%	2%

<b>High Pressure Cylinders Reference (Primary) Standards</b>		
<b>Concentration Range</b>	<b>Preparation Tolerance</b>	<b>Certification Accuracy</b>
< 1ppm	n/a	n/a
1 to 9.9ppm	5%	1%
10 to 99ppm	5%	2%
100ppm to 0.99%	2%	0.5%*
> 1%	2%	0.2%*