

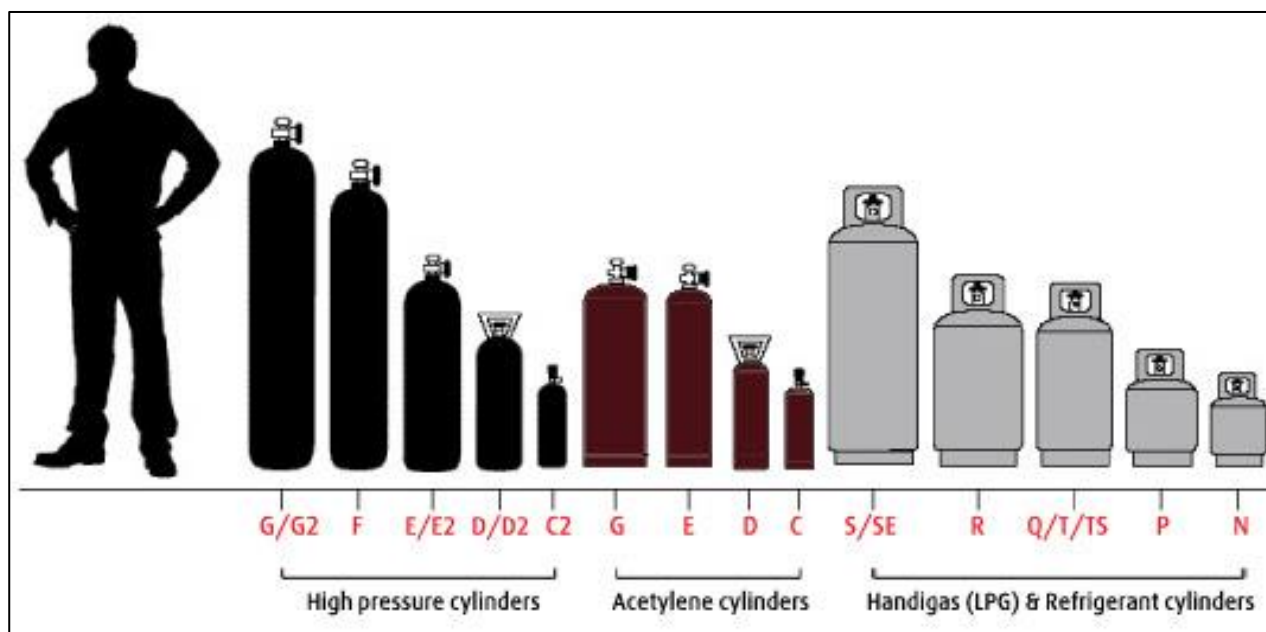
## Gas Cylinder Sizes and Water Capacities

All compressed gases in cylinders must be included in the local Chemwatch chemical register.

The Dangerous Goods Regulations require gas cylinder quantities entered as the water capacity (WC) of the gas cylinder/s in litres.

A range of compressed gas cylinders is shown in Fig.1 with the approximate water capacities in kilograms or litres listed in the table below.

**Figure 1:** Courtesy of BOC Australia.



### Gas Cylinder Dimensions and Water Capacities in Litres\*

Size id	G/G2	F	E/E2	D/D2	C2	Acet. G	Acet. E	Acet. D	Acet. C	90kg	S/SE 45kg	R 25kg	Q/T 18kg	FL Steel 15kg	FL Steel 36kg	P 9kg	N 4kg
Litres	50	34	23	10	2.8	50	24	10	3	200	108	65	44	29.4	36	23	11
Height mm	1410	1295	910	760	460	800	755	480	450	1340	1240	840	815	735	830	500	400

\*AS 4332-2004: The storage and handling of gases in cylinders

Each different gas type is required to be registered in Chemwatch.

For multiple gas cylinders of the same type, multiply the gas cylinder volume by the number of gas cylinders of that size e.g. 2 G-size bottles of compressed nitrogen = 100L

Include both full and empty gas cylinders when determining the maximum quantity.

For compressed gas cylinders not listed in the table above, contact the relevant supplier to obtain the WC information.