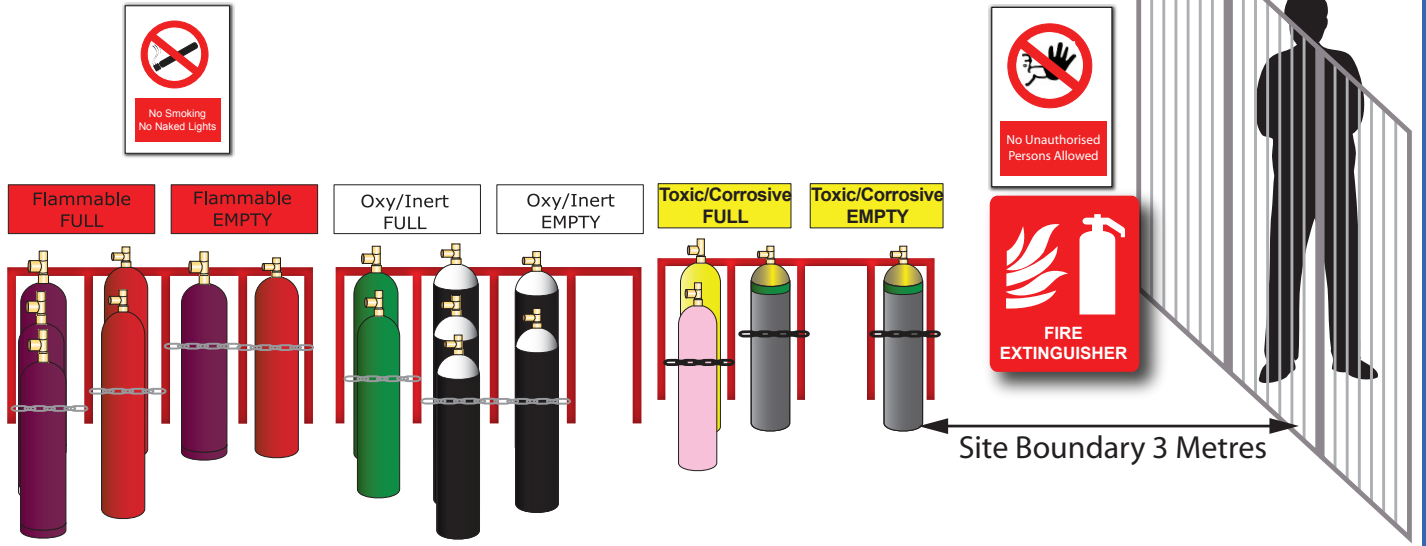
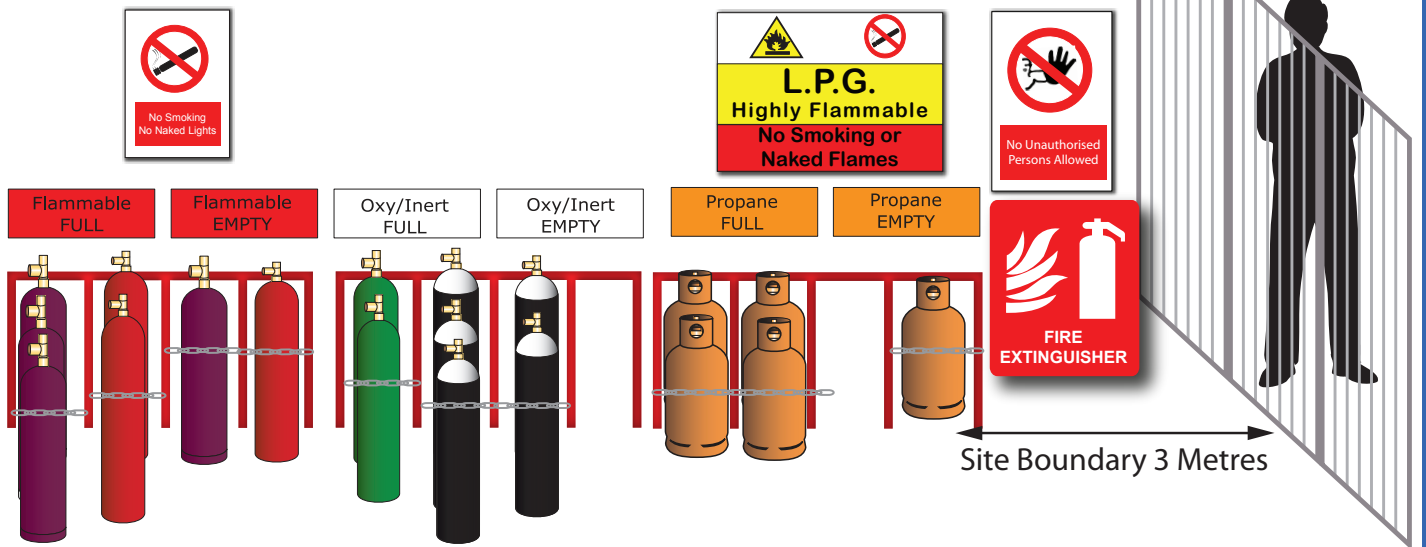


### Typical Laboratory Storage Area



### Typical Industrial Storage Area



Where access is required a 0.6 metre gap is suggested between full & empty cylinders

#### Propane

<50 kg no specific separation distances apply

> 1,000 kg refer to LPGA CoP7 (25)

Retail & domestic refer to LPGA CoP7

#### Fire Fighting

At least one 9kg dry powder extinguisher at the entrance



## GAS CYLINDER STORAGE GUIDANCE

- This information sheet may be of assistance with stores layout, it does not infer that the user has met all training and procedures required within BCGA GN2.
- Each cylinder store must be considered on its merits and a full risk assessment undertaken to comply with the Management of Health & Safety at Work Regulations and, if required, DSEAR.
- All persons using & storing gas cylinders must have regular documented training. This should include gas cylinder identification, hazards, properties, construction, handling, use, management and emergency procedures.
- For storage of gas cylinders always refer to British Compressed Gases Association Guidance Note 2 (BCGA GN2)

### Minimum Recommended Storage Distances (Metres)

No recommended separation distances are provided between different types of cylinders as risk assessments carried out by the BCGA have shown no safety benefit from such separation.

Typical Exposure		Oxidising	Flammable	LPG	Toxic Gases
		Inert & CO2			
Transportable cryogenic containers	Oxidants	1	5	5	1
	Other	1	1	3	1
Unprotected electrical equipment		0	3	1<400kg	0
				3>400kg	
Site boundaries		1	3	1<400kg	3
				3>400kg	
Air Compressors & Ventilators		3	3	3	3
Building openings, pits, basements, cellars		1	1	3	3
Smoking, naked flames, heat sources		1	3	1<400kg	3
				3>400kg	
Combustible materials storage area		3	3	3	3
		0			

LPG cylinders should not be placed within 1 metre of a fence.