

# Cylinder Storage Cage Siting Safety & Good House Keeping Information

## The store stack/cage must be placed a safe distance from:

- ✓ The property boundary
- ✓ Buildings
- ✓ Fixed sources of ignition

TABLE 1			
Total KG	Size of Largest Stack/Cage	Minimum Separation Distance (no fire wall)	Minimum Separation Distance (fire wall)
15 - 400	Up to 1000	1.0m	NIL
400 - 1000		3.0m	1.0m
1000 - 4000		4.0m	1.0m

No openings into buildings, cellars or pits should be within 2.0m of an LPG Stack/Cage

## Minimum Safety Distances (from Cylinder Stack/Cage)

TABLE 2	
Minimum Distance	Feature
3.0m	Rubbish Storage
2.0m	Doors, Windows, Building Openings
6.0m	Fuel Dispenser, Manhole/Fill Point, Underground Tank, Vent Pipe
3.0m	LPG Bulk Tank Less Than 5000ltrs.
3.0m	Oil Storage, Flammable Liquids, Combustibles, Compressed Gas Cylinders
8.0m	Storage in excess of 400kg from Vulnerable Populations
6.0m	Mechanical Ventilation Air Intakes

No openings into buildings, cellars or pits should be within 2.0m of an LPG store

Any storage of LPG on petroleum dispensing sites must be approved by the gas supplier representative

If liquid oxygen is stored on site with LPG extreme caution should be observed and consultation with the gas supplier will be required

## General Handling of Cylinders:

Cylinders full and empty must always be stored and transported in the upright position  
Cylinders must always be handled with care to avoid damage to the cylinder and injury to persons  
Cylinders must be checked on arrival and before dispatch to ensure they are in good condition, clearly marked with their contents and are leak free  
Anyone involved in the handling of cylinders should receive appropriate training

## Fire Protection

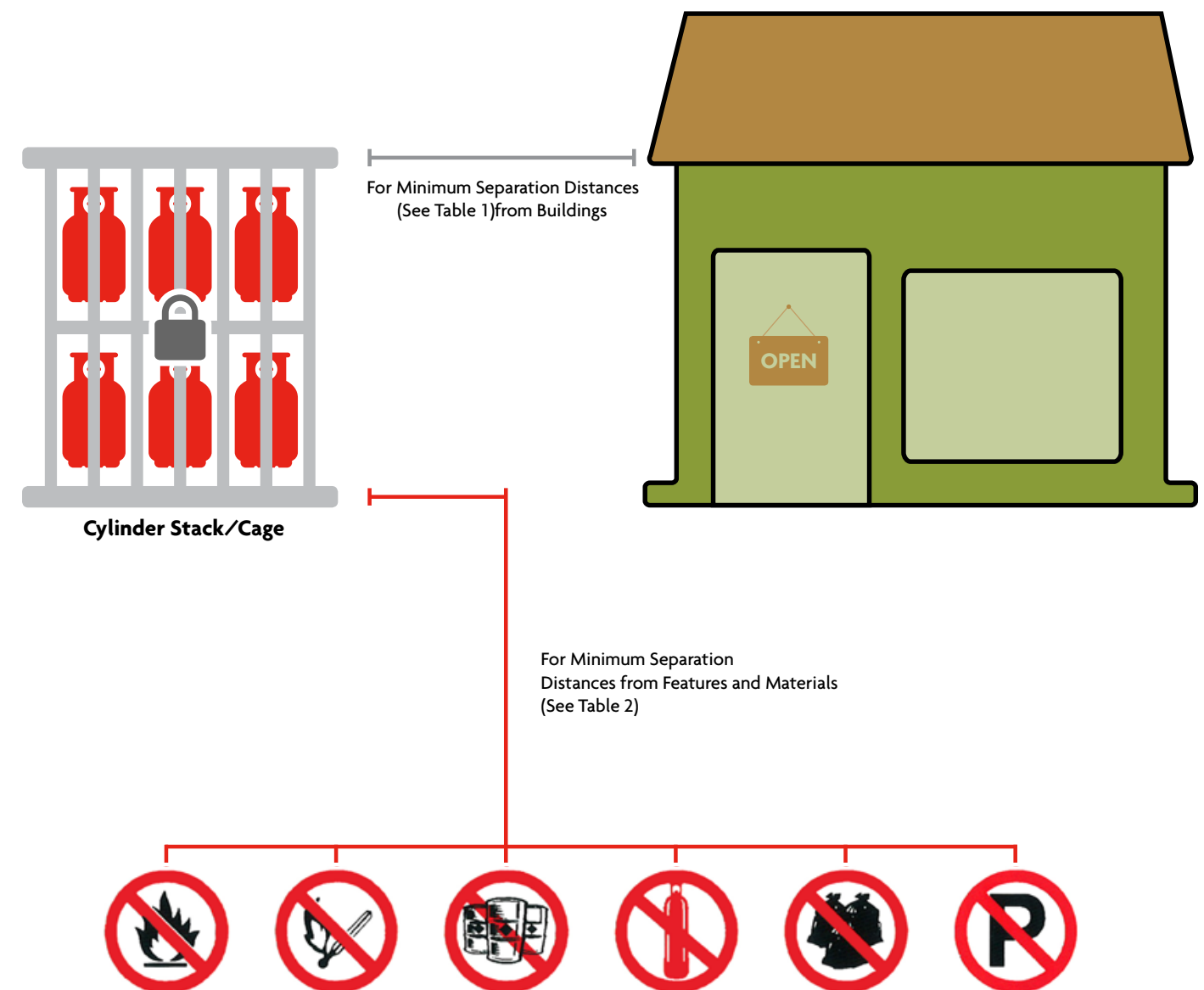
Adequate fire fighting equipment must be available as follows:

Total Store KG	Size of Largest Stack/Cage	Minimum Separation Distance (no fire wall)	Minimum Separation Distance (fire wall)
< 400kg		At least one 9kg powder fire extinguisher	
Up to 5000kg		At least two 9kg powder fire extinguisher	
Above 5000kg		Additional fire extinguisher for each additional 10000kg	

In addition for stores between 1000kg and 25,000kg there must be an adequate water supply

## In the Event of a Fire

- ✓ Contact the Fire Brigade and inform them there is LPG Cylinder Storage on Site
- ✓ Do not approach cylinder(s) in the vicinity of fire
- ✓ Contact the Calor Emergency Contact Number



## CALOR EMERGENCY CONTACT NUMBERS

ROI: 01 291 6229

NI: 0845 075 5588