

Construction Safety Guidance Notes No. 5

Storage Of LPG Cylinders

		
<p style="text-align: center;">LOCATION</p>	<p style="text-align: center;">SHED FOR LPG CYLINDERS</p>	<p style="text-align: center;">SECURITY</p>
<ul style="list-style-type: none"> ▪ LPG cylinders shall be stored away from combustible materials. ▪ Cylinders shall be stored at ground level and be readily accessible. ▪ Do not store close to occupied building. ▪ Follow EPSS Technical guideline no-65 for LPG safety. 	<ul style="list-style-type: none"> ▪ Store LPG cylinders in a well ventilated shed, made up of non combustible material. ▪ It should be protected from extreme weather / shelter provided. ▪ LPG cylinders shall be stored at least 3 meters' away from other cylinders like oxygen, chlorine, ammonia. ▪ Always store or keep LPG cylinders in vertical position. 	<ul style="list-style-type: none"> ▪ Storage shed shall be kept under lock and key. Key shall be readily available all the time. ▪ Do not allow unauthorized access by providing a fence 2 meters' high. ▪ Keep the cylinder valve closed if not in use.
		
<p style="text-align: center;">EMERGENCY PROCEDURES</p>	<p style="text-align: center;">DISPLAY NOTICES</p>	<p style="text-align: center;">MAINTENANCE</p>
<ul style="list-style-type: none"> ▪ Develop a written procedure to deal with emergencies that may arise. ▪ Provide appropriate fire extinguishers as prescribed by the Civil Defense & as mentioned under Dubai Municipality EPSS Technical Guideline no-65. ▪ Maintain all fire fighting equipment in good working condition. ▪ Ensure Personnel are trained to deal with any emergency that may arise. 	<ul style="list-style-type: none"> ▪ Display notices such as, "LPG – Highly Flammable", "NO SMOKING" or "NO NAKED FLAME". ▪ Display notices in languages that are understood by the workforce. 	<ul style="list-style-type: none"> ▪ Maintain all the installations by trained LPG fitters. ▪ Pipe lines / hoses if any shall be tested for safe working / leakages.