



## Standard for a safety use and handling of the compressed gas cylinder

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### *STANDARD FOR A SAFETY USE AND HANDLING OF THE COMPRESSED GAS CYLINDER*



*Compressed gas cylinders present in the laboratory or workspace must be: in an upright position, and secured to a wall or an immovable object by a strap or chain above the midpoint and below the shoulder, or in a holder designed for that purpose (never secured to utilities)*



*Compressed gas cylinders present in the laboratory or workspace must be: not located in any exit or corridor providing access to exits, under a fire escape, outside exit stair, passage, ramp or within 1 meter of any exit.*



*Compressed gas cylinders present in the laboratory or workspace must be: in a dry well ventilated area*



*Compressed gas cylinders present in the laboratory or workspace must be: not exposed to temperatures exceeding **50°C or open flame***



*Compressed gas cylinders must not be cooled to very low temperature.*



*The main cylinder valve should be closed as soon as it is no longer necessary that it be open (i.e. it should be closed when the equipment is not operating).*



*A cylinder should never be emptied: this will maintain a slight positive pressure in the cylinder and keep contaminants out..*



*Cylinders not attached to a device must have the regulator removed and the safety cap firmly secured.*



*Only cylinders that are in use may be kept in a laboratory or workspace. A gas cylinder is considered to be in use if it is connected to a pressure regulator and a pressure gauge*