

6.1.17. Valves

- i. FM 7400, Liquid and Gas Safety shut-off valves.
- ii. EN 15069 safety gas connection valves for domestic appliances.
- iii. EN 161 automatic shut-off valves for gas appliances.
- iv. EN 14800 corrugated hose for domestic appliances.
- v. EN 1106 manually operated taps for gas appliances.
- vi. EN 331, Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings.
- vii. EN 15069, Safety gas connection valves for metal hose assemblies used for the connection of domestic appliances using gaseous fuel.
- viii. EN 13774, Valves for gas distribution systems with maximum operating pressure less than or equal to 16 bar. Performance requirements.
- ix. EN 13175, LPG Equipment and accessories. Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings.
- x. EN 161, Automatic shut-off valves for gas burners and gas appliances.
- xi. EN 1983, Industrial valves - Steel ball valves.
- xii. EN 13547, Industrial valves - Copper alloy ball valves.
- xiii. EN 13709 Industrial valves - Steel globe and globe stop and check valves
- xiv. EN 13789 Industrial valves - Cast iron globe valves.
- xv. UL 132, Standard for Pressure Relief Valves for LPG.
- xvi. FM 7420, Gas Safety Control Cocks.
- xvii. FM 7422, Electric Inter cocking fuel gas and fuel oil cocks.
- xviii. ISO 14245, Gas Cylinders. Specifications and testing of LPG cylinder valves. Self-closing.
- xix. ISO 15995, Gas Cylinders. Specifications and testing of LPG cylinder valves. Manually operated.
- xx. UL 125 Flow Control Valves, LP-Gas Check valves, Shut-off valves, Hose nozzle valves, control manifolds.

6.1.18. Gas leak detector

- i. EN 60079-29-1, Explosive atmospheres. Gas detectors. Performance requirements of detectors for flammable gases.
- ii. EN 60079-29-4, Explosive atmospheres. Gas detectors. Performance requirements of open path detectors for flammable gases.
- iii. EN 50402, Electrical apparatus for the detection and measurement of combustible or toxic gases or vapour or of oxygen. Requirements on the functional safety of fixed gas detection systems.
- iv. EN 125 flame supervision devices for gas appliances.
- v. FM 6320, Combustible Gas Detectors.
- vi. UL 1484, Residential Gas Detectors.
- vii. UL 2075, Standard for Gas and Vapor detectors.
- viii. IEC 60335-1, Household and similar electrical appliances - Safety - Part 1: General requirements. (Kitchen only).
- ix. IEC 60079-0, Explosive atmospheres - Equipment - General requirements.
- x. IEC 60079-1, Explosive atmospheres - Equipment protection by flameproof enclosures "d"
- xi. IEC 60079-11, Explosive atmospheres Equipment protection by intrinsic safety "i"