

Part 1 General**1.1 Summary**

- .1 Unless otherwise indicated, follow the standards below when specifying laboratory piping for gases work. These standards are not intended to restrict or replace professional judgment.

1.2 Design Requirements for New or Renovated Laboratories

- .1 Each point of supply into a laboratory of natural gas, liquefied petroleum gases or compressed gases shall be provided with labels identifying the gas
- .2 Each work station valves of natural gas, liquefied petroleum gases or compressed gases shall be color coded for the identification of the gas.
- .3 Each point of supply into a laboratory of natural gas, Liquefied petroleum gases or compressed gases shall be provided with an indicating manual shut off valve. For flammable or corrosive gases, it is to be located in a safety cabinet with a transparent door (breakable for emergencies).
- .4 Adequate provisions for the storage of compressed gases must be made with the following restrictions. The cylinders may never be located
 - .1 In any exits or corridor providing access to exits
 - .2 Under any fire escape, outside exit stair, passage or ramp, or
 - .3 Within 1 meter of any exit.

END OF SECTION