The Direction of the Ecole polytechnique fédérale de Lausanne hereby adopts the following:

Preamble
There are different types of gas: inert, inflammable, toxic and/or oxidant. This directive determines the storage instructions and quantities of compressed gas authorised on premises. It also determines the measures to take in case of accident.

Section 1 Instructions

Article 1 General measures
1 All compressed gas cylinders must be stored in a secure ventilated cabinet of the EI90 type minimum. A detector, in the place of use and in the cabinet, with servo control must be present for toxic and/or inflammable gases.
2 Gases must be physically separated according to their chemical incompatibilities1.
3 No cylinders of 50 l at 200 bars must be present in the premise.
4 For any special needs that may require greater quantities than those specified above, a possible dispensation may be considered by contacting the Domaine sécurité, prévention et santé (DSPS).

Article 2 Maximal volume per gas
1 Inert gas: the maximum volume of inert gas authorised per premises outside of these cabinets is 2 Nm³ (maximum 4 cylinders).
2 Inflammable gas: the maximum volume of inflammable gas authorised per premises outside of these cabinets is 0.6 Nm³ (maximum 2 cylinders).
3 Toxic gas: the maximum volume of toxic gas authorised per premises outside of these cabinets is 0.2 Nm³ (maximum 2 cylinders).
4 Oxidant gas: the maximum volume of oxidant gas authorised per premises outside of these cabinets is 0.6 Nm³ (maximum 2 cylinders).

Section 2 In case of accident

Article 3 Turn off the gas supply
Close the valve whenever possible.

Article 4 Immediately alarm 115
Try to gather ad hoc information concerning the gas or mixture that caused the accident.

1Directive sur les Laboratoires chimiques (# 1871)
Directive sur Gaz liquéfiés, 1ère partie ; Récipients, stockage, transvasement et remplissage (# 1941)
Feuillet d’information Bouteilles à gaz, Entrepôts, rampes, systèmes de distribution de gaz (# 66122)

Version 1.1 1/2
Section 3  Final provisions

Article 5  Coming into force
The present directive came into force on 10 June 2013, current status as at 1 January 2017.

On behalf of the EPFL Direction:

President: Patrick Aebischer
General Counsel: Susan Killias

Comment: this Directive has been reviewed as part of the 2017 reorganisation. No modifications were made to this directive as a result of the review.