



## SAFETY AT WORK INSTRUCTIONS

### STORAGE AND WORK WITH GAS CYLINDERS IN THE LAB

1. **Before working with gases**: learn Procedure no. 07-0152, "Handling Laboratory gas cylinders"
2. Identify the gas type you are going to use by reading the information written on it – do not relay on the cylinder color for identification.
3. Learn about the gas hazards by reading its SDS before use.
4. Gas cylinders shall be stored in an upright position only, secured to the wall by a chain or suitable belt.
5. It is forbidden to store flammable and toxic gas cylinders in the lab
6. Whenever the cylinder is not connected to the system, the safety valve cap must be in place
7. Ensure that **the pressure regulator** you are using is compatible with the gas type in the cylinder
8. **Do not use** lubricants (oil or grease) or Teflon for screwing on
9. Do not store any other equipment in the closet where gas cylinders are stored
10. Flammable materials shall be kept away from gas cylinders storage places
11. Gas cylinders before work shall be labeled: "FULL"
12. Empty gas cylinders shall be labeled : "EMPTY" and removed as soon as possible
13. Do not fully empty a gas cylinder – maintain a pressure of 2-3 atm. in the cylinder.
14. On completion of the cylinder use ensure that the valve is closed and release the gas in the line.

**DO NOTHING THAT MIGHT ENDANGER YOU OR OTHER PERSONS**

**IN EMERGENCY, CALL 2222 FROM ANY INTERNAL EXTENSION**