

Protocol for Damaged or Leaking Gas Cylinders

Toxic or Flammable Gas Cylinders

- 1) Stop any leaks if it can be done without risk to yourself or others.
 - a) If the cylinder contains a flammable gas, eliminate all sources of ignition.
 - b) If the cylinder is in a lab or an area occupied by others, evacuate the area. Place a sign to keep others out of the area.
 - c) If necessary (i.e. a significant amount of gas is leaking or it is located in a common area, like a hallway) pull the fire alarm to evacuate the building.
 - d) If it can be done safely, move the cylinder to an area in the room that is well ventilated (i.e. close to a fumehood). Only do this if you can move the cylinder without compromising your own health and safety! Toxic gas leaks may require the use of a self-contained breathing apparatus and protective clothing.
- 2) If the situation has caused a life threatening injury or is a life threatening emergency, call 911 immediately. Tell them the situation (i.e. damaged cylinder and the type of gas in the cylinder), the location and the life threatening injury and/or emergency.
- 3) Contact the supplier's Emergency Response number
 - Air Liquide: 514-878-1667
 - BOC/Linde: 905-501-0802
 - Praxair: 1-800-363-0042
- 4) Contact York Security immediately (ext. 33333 or 416-736-5333). Tell them the location of the cylinder, the cylinder's supplier, the type of gas in the cylinder and the situation (i.e. leaking gas cylinder), as well as any other relevant information.
- 5) Contact your Health and Safety Officer and/or call the Health, Safety and Employee Well-Being Office (ext. 55491).

Non-Toxic & Non-Flammable Gas Cylinders

- 1) Stop any leaks if it can be done without risk to yourself or others. If the cylinder is still leaking and it is possible to safely move it to an area to drain (i.e. outside), do so. Otherwise leave the cylinder where it is located and evacuate the area. Place a sign to keep others out of the area.
- 2) Contact the supplier's customer service and let them know you have a bad gas cylinder and need a replacement cylinder.
- 3) Contact York Security (ext. 58000 or 416-650-8000). Tell them the location of the cylinder, the cylinder's supplier, the type of gas in the cylinder and the situation (i.e. *non-toxic & non-flammable* gas cylinder that is leaking and has been left outside to drain), as well as any other relevant information.
- 4) Contact your Health and Safety Officer and/or call the Health, Safety and Employee Well-Being Office (ext. 55491).

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