Protocol for Transporting Compressed Gases
And Toxic Chemicals in Passenger Elevators

1. When transporting gas cylinders or large cryogenic dewars and/or very
toxic, volatile chemicals in the passenger elevator you must also have an
Emergency Escape Breathing Device (EEBD) with you. One can be
signed out from Science Stores (002 Petrie or 128 Farquharson).
2. Make sure you are familiar with how to use the EEBD and verify that the
EEBD is fully charged before using the EEBD.
3. Only one person should travel in the elevator with gas cylinders/cryogenic
dewars/toxic chemicals. If the elevator stops at a floor before you get to
your floor, ask the person(s) to wait for the next elevator.
4. Very toxic, volatile chemicals should only be transported in an elevator
when others are around (i.e. weekdays) and it is highly recommended that
gas cylinders/cryogenic dewars be transported during weekdays.
If you must transport gas cylinders/cryogenic dewars in the passenger
elevator during the evening/weekend and you don’t have access to an
EEBD, you should not travel in the passenger elevator with the gas
cylinder/cryogenic dewar.
You will need to follow this procedure:
   i. Find a second person; one person will be on the departing floor and
      one person will be on the receiving floor.
   ii. Affix a sign to gas cylinder/cryogenic dewar indicating that people
       should not enter the elevator.
   iii. Send the gas up/down to the person waiting on the receiving floor.

Using an Emergency Escape Breathing Device (EEBD)

1. Lift flap and remove the hood from the pouch.
2. Open the valve counterclockwise until the valve knob spins freely
   (approximately 2 full turns).
3. Verify airflow into the hood, as evident by air rushing into the hood. Noise
   permitting, you should be able to hear the sound of rushing air.
4. Stretch the neck band with both hands and pull the hood over your head
   so that the regulator hose is at the front.
5. Make sure there is nothing (such as clothing or hair) between the neck
   band and your neck that would prevent a good seal.

If you have any questions or safety concerns, contact the Health & Safety
Officer (HSO) at ext 20770.
If it is an emergency, contact Security through the phone in the elevator.