

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.