

# Gas Cylinder FAQ

## **Where is the gas cylinder cart located?**

The cart is located in RES 222. Please return the cart to this room once you are finished moving your gas cylinders. Bad things happen to those who fail to return the cart in a timely manner....

## **Where are new cylinders delivered?**

New Cylinders are delivered to the tank cage outside the east end of RES which is accessible from the basement level. Our department has it's own defined area for newly delivered tanks. Do not remove tanks from any other departmental areas, they are not yours ... you have not paid for them... you are not paying rental charges for them (see next entry).

## **May I borrow a tank from another department's area in the gas cylinder cage?**

**NO!** This is purely and simply a case of **THEFT** and should not be done.

## **Where do I find/return the paperwork when I return/need to order a cylinder of gas?**

The forms are located on Syndi Espinosa's desk. Completed forms are to be returned to her for processing.

## **May I lend a tank of gas to another lab in another department?**

**NO!**

## **May I borrow a tank of gas from another lab in another department?**

**NO!**

## **Can I transfer a tank of gas to/from another lab in another department?**

Yes, but only in an emergency and only if that lab is using Air Liquide to purchase gas. If they are using Air Liquide record the bar code or serial number of the tank being transferred and which lab it went to or came from. Give this information to Syndi Espinosa in the department office so she can contact Air Liquide to transfer financial responsibility for the tank.

## **Can I move a gas cylinder without a cap?**

**NO!** Compressed gas cylinders are **very dangerous**. The valve stem at the top of the tank is fragile and can easily break off if the tank falls to the floor. This causes all of the gas in the tank to stream out creating a very deadly missile which can go through concrete walls and can cause physical damage, injury and even death to whatever might be in its path. Every time you move a gas cylinder, whether it is from one place in the lab to another or to/from the gas cylinder cage it should have that cap securely screwed onto the top of the cylinder protecting the valve stem.

**How do I safely transport a gas cylinder?**

First, make sure that the cylinder cap is securely attached. Next, make sure that the cylinder is **strapped** into a gas cylinder cart when it is being moved so it can't accidentally fall out of the cart

**Who takes care of the Liquid Nitrogen?**

Larry Oakford. He makes sure the tank is ready to be filled and he maintains the levels in the liquid nitrogen freezers in the walk-in cold room on the 2nd floor of RES.

**When are the Liquid Nitrogen Freezers filled?**

They are filled about every 2 weeks just before the truck comes to refill the 250 liter supply tank. This regimen keeps the level in the freezers well within operating parameters.

**What should I do if I have problems with the Liquid Nitrogen Tank?**

Contact Larry Oakford as soon as possible (RES 222, x2066).