

Gas Cylinder Safety

Gases in our lab:

- Nitrogen and Argon
 - Under high pressure
 - Can cause equipment to fail
- Handling and transport
 - inspect the cylinders for defects
 - Use a cylinder cart and secure the cylinders with a chain when moving.
 - Don't use the protective valve caps for moving or lifting the cylinders.
 - Don't handle roughly.
 - When moving regulators removed, valves closed and protective caps in place
 - Rolling cylinders in a vertical position on the bottom edge is to be avoided
 - Gas cylinders must never be dragged or rolled in the horizontal position.



Things Not To Do!

- Never roll a cylinder to move it.
- Never carry a cylinder by the valve.
- Never leave a cylinder unsecured.
- Never force improper attachments on to the wrong cylinder.
- Never grease or oil the regulator, valve or fittings of an oxygen cylinder.
- Never refill a cylinder.
- Never attempt to mix gases in a cylinder.

