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.