

Department of Chemistry

Safety Moment of the Month

**Replacing Gas Cylinder**

**August 2025**

* **Step 1**

<https://millergroup.web.unc.edu/home/safety/sops/sop-replacing-gas-cylinders/>

* + Check the gauge to ensure there is no pressure left in the line
  + Unscrew the gauge assembly on the side of the tank
  + A close up of a pressure gauge

    Description automatically generatedScrew on the steel cover
* A close up of a black tank

  Description automatically generated**Step 2**

<https://millergroup.web.unc.edu/home/safety/sops/sop-replacing-gas-cylinders/>

* + Undo the retention strap, then carefully roll the tank to the wet room.
    - This will require some practice
  + Place it in the correct area for that gas in the wet room and label it as empty using one of the magnetic prints from the HP
  + Always replace the chain when finished
  + Roll the new tank into place and reattach the gauges and strap