Safety Slide – Inert Gas Cylinder

• Failure can be explosive:
  Cylinders 9” diameter & 52” height @ 2000psi (lowest standard) store ~1.3 lbs TNT equivalence

• Transport with care
  1. Check cylinder for defects (rust, dents, etc.)
  2. Remove regulators / close valves / attach protective cap
  3. Attach with chains to cylinder cart when possible
     • For short distances, roll cylinders in a vertical position without dragging
     • During movement, cylinders must never strike each other or be handled roughly
  4. Restrain cylinders with chain in final, well-ventilated location & mark (full/part/empty)

• Regulators
  • Back off P/A know prior to opening cylinder valve
  • Dysfunctional P/A knob can explode, face it away
  • DO NOT use temporary shut-off valve for >20 minutes
  • Use leak detector (or soap/water) to check for leaking when attaching regulators
  • Use Teflon tape to form proper seal; NEVER use grease
  • Attach regulator with fingers + ¼ - ½ turn with wrench