

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 knob 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