CO2 Fill Operations

**Safety Considerations:**
- Always wear eye protection when working with compressed gas.
- Venting gas can and will accelerate particles of dirt, ice and debris to high velocities.
- Keep all persons without eye protection out of the immediate area.
- Always wear gloves to protect your hands from extreme cold.
- Always inspect tank for damage and rupture plug for bleed holes before attempting any fill.

**Improper use, filling, storage or disposal of this cylinder may result in death, personal injury and property damage.**

**FIGURE 1.**
1. Secure the Bulk CO2 Cylinder to a pillar or wall before removing the protective safety cap.
   - The Bulk CO2 Cylinder must have an internal dip tube.

**FIGURE 2.**
2. Attach the Fill Station to the Bulk cylinder.
   - Inspect sealing washer.

**FIGURE 3.**
3. Put control lever in NEUTRAL position...
   - Then open the valve on the Bulk Tank.
   - Only use the fill station lever with a bottle attached to the fill hose.

**FIGURE 4.**
4. Inspect the bottle to be filled for visible damage and check the bottle date.
   - Must check rupture plug for bleed holes.

**FIGURE 5.**
5. Turn the bottle to be filled upside down, and screw it into the fill adapter.
   - **DO NOT** fill if bleed holes are not present.

**FIGURE 6.**
6. Turn the depressor knob on the fill adapter clockwise until it stops.
   - Push the control lever to the DUMP position to drain the bottle completely.

**FIGURE 7.**
7. Hang the empty bottle from the Digital Scale, and then reset the scale to zero.
   - *Change batteries in scale as needed.

**FIGURE 8.**
8. Move the control lever to the FILL position and watch the scale.
   - *Do not fill beyond the bottle's rated capacity!

**FIGURE 9.**
9. Allow the control lever to return to its NEUTRAL position.
   - *If overfilling occurs, immediately dump excess CO2 as shown in Figure 4 & Draining required amount and reweigh cylinder.

**FIGURE 10.**
10. Unhook the bottle & hose from the tank and turn the Depressor Knob counter-clockwise at least 2 full turns. This should allow the bottle's pin valve to be fully closed.

**FIGURE 11.**
11. Move the control lever to the DUMP position to drain any residual CO2 from the hose.

**FIGURE 12.**
12. Unscrew the bottle from the fill adapter. RE-WEIGH THE BOTTLE TO MAKE SURE YOU HAVE NOT OVER-FILLED!
   - This is the most important step! **DO NOT SKIP IT!**

*DO NOT OVERFILL

See Reverse For Inspection Instructions

Insist customer must read all safety warnings on tank label.