



CO2 FILL OPERATIONS

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

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.

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...

Neutral Position

Then open the valve on the Bulk Tank.

*Only operate 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.

Neutral Position

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.

Dump Position

Depressor Knob

FILL & DUMP POSITIONS ARE CLEARLY MARKED!

***DO NOT OVERFILL**

FIGURE 7.

7. Hang the empty bottle from the Digital Scale, and then reset the scale to zero.

*Change batteries in scale as needed.

Neutral Position

Digital Scale

FIGURE 8.

8. Move the control lever to the **FILL** position and watch the scale.

*Do not fill beyond the bottle's rated capacity!!

Fill Position

***DO NOT OVERFILL**

FIGURE 9.

9. Allow the control lever to return to its **NEUTRAL** position.

*If overfilling occurs, immediately dump excess CO2 as shown in Figure 6. Draining required amount and reweigh cylinder.

Neutral Position

FIGURE 10.

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

Neutral Position

FIGURE 11.

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

Dump Position

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!!**

Insist customer must read all safety warnings on tank label.