

Allegheny County Health Department
Self-Inspection Checklist
for
Preventing Carbon Dioxide Asphyxiation
from
Stationary Low Pressure CO₂ Supply Systems

Facility: _____ **Date:** _____

Facility Address: _____

City: _____ **State:** _____ **Zip:** _____ **Phone:** _____

Leaks from liquid carbon dioxide (CO₂) carbonated beverage system can cause carbon dioxide gas to build up to hazardous levels in enclosed areas leading to illness or death to restaurant customer's workers and to emergency responders. To minimize the development of hazardous conditions that may cause illness or fatalities involving CO₂ intoxication, Allegheny County Health Department recommends that you assess your system and consider correcting any deficiencies identified.

- [] Is Training provided for personnel handling liquid carbon dioxide?
- [] Are Carbon dioxide receptacles installed at ground level in an open area?
- [] Is mechanical ventilation for below grade locations provided?
- [] Is the mechanical Ventilation system provided for below grade locations designed to exhaust from the lowest level and allow make-up air to enter at a higher point?
- [] Does the Ventilation system provide makeup air at a flow rate of 1.0 cfm per square foot of floor area?
- [] Is a Carbon Dioxide Detection device, and notification system provided?
- [] Are warning signs available to alert employees and first responders to the hazards of CO₂?
- [] Is the buildings containing CO₂ systems identified with Hazardous Materials Identifications NFPA 704 signs?
- [] Is the CO₂ systems inspected and maintained on a regular basis?
- [] Is adequate lighting available for the effective operation of the CO₂ systems?