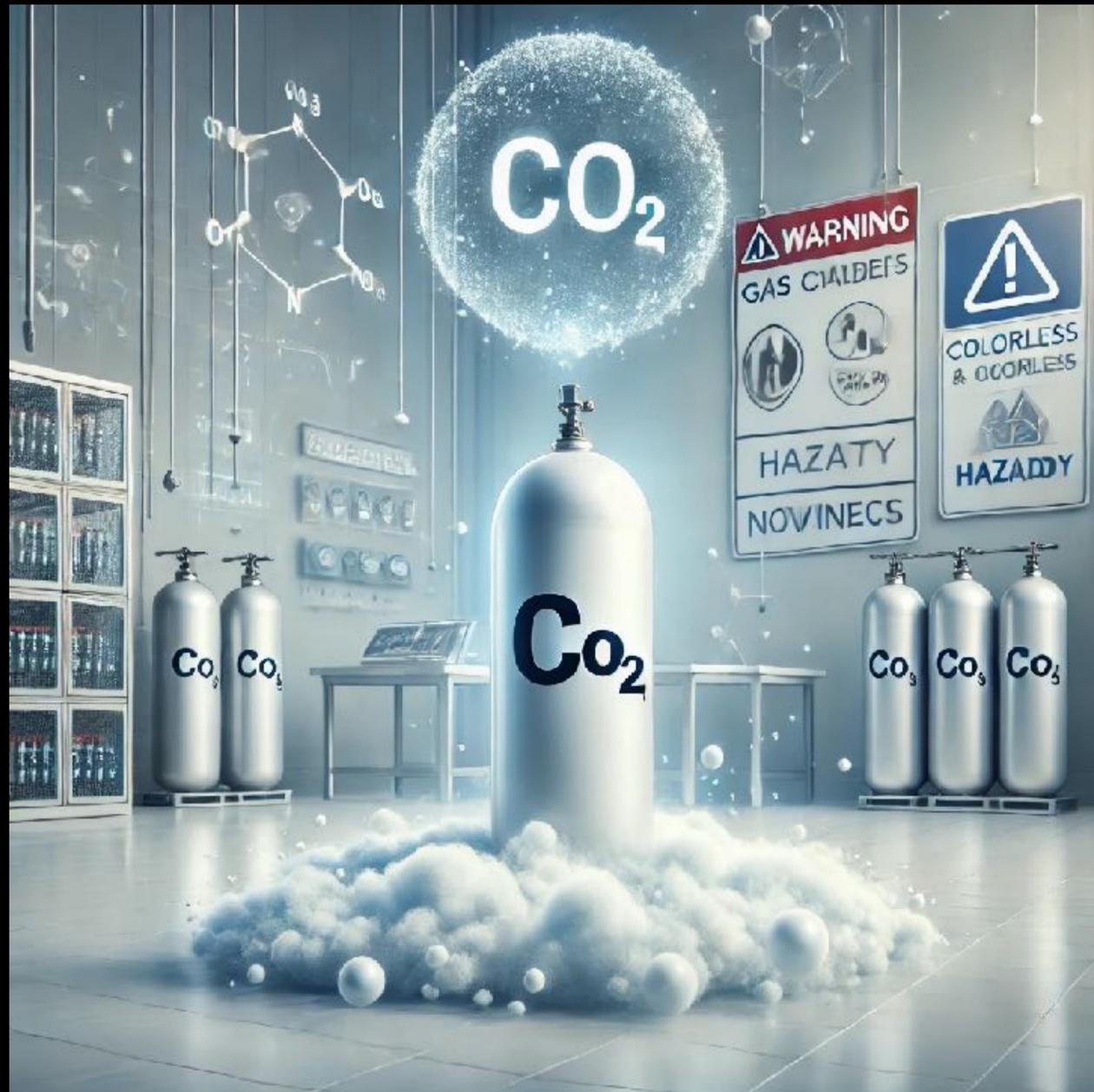


UNDERSTANDING CO₂ EXPOSURE RISKS IN KEG HANDLING



- ▶ CO₂ is a naturally occurring gas used in brewing but poses significant health risks in high concentrations.
- ▶ CO₂ is heavier than air and can accumulate in low-lying areas, including cellars and spaces near kegging stations.
- ▶ Keg filling, cleaning, and storage processes can release CO₂ into the work environment.
- ▶ Common exposure points include leaks from pressurized systems, improper ventilation, or during maintenance and cleaning activities.



HEALTH RISKS ASSOCIATED WITH CO₂ EXPOSURE

- ▶ CO₂ exposure can cause a range of health effects depending on concentration levels.
 - ▶ Low-level exposure can cause headaches, dizziness, and shortness of breath.
 - ▶ Prolonged or higher exposure can lead to confusion, unconsciousness, and even fatalities due to oxygen displacement.
 - ▶ Employees working in confined spaces, such as keg coolers or cellars, are at increased risk.

MITIGATION STRATEGIES FOR CO₂ RISKS

- ▶ Implementing proactive measures can reduce employee exposure risks.
 - ▶ **Monitor:** Install CO₂ detectors near kegging areas, coolers, and confined spaces.
 - ▶ **Ventilation:** Ensure adequate ventilation in areas where CO₂ is used or stored.
 - ▶ **Training:** Educate employees on CO₂ hazards, proper equipment handling, and emergency response protocols.
 - ▶ **Inspection:** Regularly check for leaks in CO₂ systems and use appropriate PPE (e.g., respirators) if required.





CONGRATULATIONS TO ILL MANNERED BREWING COMPANY!

Congratulations to the newest recipient of OCBA's Golden Hard Hat Safety Award:

Ill Mannered Brewing Company in Powell!

Ill Mannered joins Combustion Brewery in Pickerington and The Phoenix Brewing Company in Mansfield as recipients of the Golden Hard Hat.

The OCBA Safety Committee created this award as a fun way to recognize our member breweries who are proactive about safety in the brewhouse, taproom and beyond. If you're interested in applying for the Golden Hard Hat, fill out this survey form to get started:

www.ohiocraftbeer.org/goldenhardhatsurvey





OCBA SAFETY COMMITTEE

Health & Safety Resources are available at:

ohiocraftbeer.org/resources/ocba-curated/safety/

Send questions to the OCBA Safety Committee at:

ohiocraftbeer.org/safetyquestions/

Golden Hard Hat Applications can be emailed to Andy

Norris at anorris@combustionbrewing.com

