



CARBON DIOXIDE CAN CREATE A HAZARDOUS ATMOSPHERE. CARBON DIOXIDE (CO2) CAN BE USED AS A GAS, LIQUID, OR SOLID (DRY ICE). IN THE GASEOUS STATE IT IS ODORLESS, COLORLESS, AND TASTELESS MAKING IT UNDETECTABLE TO PERSONS IN THE AREA. EVEN WHEN ADEQUATE OXYGEN IS PRESENT, EXPOSURE TO CARBON DIOXIDE CAN LEAD TO CO2 POISONING. AN ASPHYXIATION HAZARD CAN ALSO EXIST. FOLLOW STATE AND LOCAL BUILDING AND FIRE CODES.



RECOGNIZE AND BE AWARE OF AREAS WHERE CO2 CAN ACCUMULATE



- () CO2 CAN ACCUMULATE IN:
 - AREAS WHERE CO2 IS STORED OR USED, INCLUDING ADJACENT AREAS.
 - ONFINED, ENCLOSED, OR LOW-LYING SPACES.
 - AREAS WHERE CO2 IS VENTED.
- UNDERSTAND AND ADHERE TO POSTED WARNING SIGNS.



MONITOR AND VENTILATE FOR CO2 AS REQUIRED BY CODE



- CO2 CAN ACCUMULATE TO DANGEROUS LEVELS EVEN WHEN ADEQUATE OXYGEN IS PRESENT FOR LIFE SUPPORT.
- MEASURING OXYGEN CONTENT IS NOT AN EFFECTIVE INDICATION OF THE CO2 POISONING HAZARD.
- MAINTAIN ADEQUATE VENTILATION.
- USE CO2 DETECTORS WITH AUDIBLE AND VISUAL WARNING DEVICES. ROUTINELY INSPECT, MAINTAIN. AND CALIBRATE DETECTORS.



NEVER MODIFY OR TAMPER WITH CO2 SYSTEMS OR EQUIPMENT



- CHANGES TO THE GAS SYSTEM CAN CREATE LEAKS OR OTHER HAZARDOUS SITUATIONS. SOME VALVES, REGULATORS, HOSES, AND EQUIPMENT USED FOR OTHER GASES ARE NOT COMPATIBLE WITH CO2.
- DO NOT MODIFY OR TAMPER WITH GAS SUPPLIER
- SYSTEM CHANGES SHALL BE EVALUATED AND MANAGED ONLY BY QUALIFIED PERSONS.



USE REQUIRED
PERSONAL
PROTECTIVE
EQUIPMENT (PPE)



- REFRIGERATED LIQUID CO2 AND DRY ICE ARE EXTREMELY COLD AND CAN FREEZE TISSUE ON CONTACT. IF SWALLOWED, LIQUID CO2 AND DRY ICE CAN CAUSE SERIOUS INJURY OR DEATH.
- WEAR GLOVES AND EYE PROTECTION WHEN HANDLING EQUIPMENT CONTAINING CO2. ADDITIONAL PPE MAY INCLUDE HEARING PROTECTION, SUPPLIED AIR BREATHING APPARATUS, PERSONAL MONITOR, AND SAFETY SHOES. SEE SAFETY DATA SHEET (SDS) FOR GUIDANCE.



NEVER ENTER AN AREA OF HIGH CO2 CONCENTRATION WITHOUT PROPER TRAINING AND PPE



ENTERING AREAS WHERE HIGH CONCENTRATIONS OF CO2 EXIST CAN PRESENT AN IMMEDIATE DANGER TO HUMAN LIFE.

BREATHING IN HIGH LEVELS OF CO2 CAN CAUSE HEADACHE, DIZZINESS, RAPID BREATHING, INCREASED HEART RATE THAT CAN LEAD TO UNCONSCIOUSNESS AND DEATH.

ESTABLISH, KNOW, AND PRACTICE EMERGENCY PROCEDURES. EMERGENCY RESCUE SHALL ONLY BE INITIATED BY TRAINED PERSONNEL WHO HAVE THE NECESSARY EQUIPMENT AND SUPPORT.





SCAN HERE FOR MORE INFORMATION OR VISIT



FERENCES CGA G-6

