



**ANAHEIM FIRE & RESCUE**  
Community Risk Reduction Division  
201 S. Anaheim Blvd., #300  
Anaheim, CA 92805  
(714) 765-4040



**CARBON DIOXIDE BEVERAGE DISPENSING SYSTEMS  
LOCATED INDOORS  
SPECIFICATIONS & REQUIREMENTS**

References: California Fire Code, California Mechanical Code; California Code of Regulations Title 19

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Indoor carbon dioxide beverage dispensing systems of 100 pounds or more are required to be provided with an approved gas detection system.

**Gas Detection System:** Plans shall be submitted to Anaheim Fire & Rescue for review and approval prior to installation, in accordance with the following:

1. The design and installation shall comply with the requirements of California Fire Code, NFPA 72 and NFPA 55.
2. Continuous gas detection shall be provided to monitor areas where carbon dioxide can accumulate.
3. The threshold for activation of an alarm shall not exceed 5,000 parts per million.
4. Activation of the gas detection system shall initiate a local alarm within the room, adjacent areas in which the system is installed.
5. The notification devices used for the local alarm shall be installed to meet both audible and visual requirements of NFPA 72. Strobe lens color shall be clear/white.
6. Power source shall be continuous and hard wired.
7. Signage shall be provided on door containing carbon dioxide system and state the following: "CAUTION – CARBON DIOXIDE GAS"
8. Emergency shutoffs shall be provided in accordance with NFPA 55.
9. Acceptance testing is required prior to permit final, contact Anaheim Fire & Rescue inspection request line at (714) 765-5041 to schedule.
10. Shall be tied into existing alarm systems as a supervisory notification. Occupancies without an existing alarm system shall require a local alarm only.

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