

# Colorado Springs Fire Department

Division of the Fire Marshal

## Inspection Checklist CO2 System Installation



### *Disclaimer*

CSFD checklists are **not** intended to be all inclusive or stand-alone submittal documents. The items listed include the minimum technical information required to conduct an initial plan review. Please call-out and provide code study for any deviations/exceptions to prescriptive code. The current Fire Code is the 2021 International Fire Code (IFC) with local amendments.

Congratulations, your permit has been approved and you are on your way to getting your project completed. The next step is passing the inspection. To help you prepare, please review the following checklist and make sure you are ready BEFORE you call for your final inspection. **Plan review comments MUST be available during the inspection or it is an automatic failure/fee and inspection must be re-scheduled.**

### Approved Site Plans

1. Does the site installation match the submitted and approved plans? (tank/detectors required)		Yes <input type="checkbox"/>	No <input type="checkbox"/>
2. Are the required NFPA placards posted according to plans?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
3. Are the required CO2 warning signs posted according to plans?		Yes <input type="checkbox"/>	No <input type="checkbox"/>

### Test the System

1. Does the system shut off at the source at 5,000 ppm? If NO, mechanical ventilation is required.		Yes <input type="checkbox"/>	No <input type="checkbox"/>
2. Does the system alarm locally at 5,000 ppm?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
3. Is there an audible and visible alarm at 30,000 for building notification? (N/A if system shuts off at the source at 5,000 ppm)	N/A <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4. Does the system have installed detectors at the supply and each point of use?		Yes <input type="checkbox"/>	No <input type="checkbox"/>

## Miscellaneous

1. Is there vehicle protection in place for exterior storage?	N/A <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2. Is all tubing/piping labled with contents and direction of flow?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
3. Are labels in place for inlet, outlet, emergency shut off?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
4. Is the system secured against unauthorized access?		Yes <input type="checkbox"/>	No <input type="checkbox"/>
5. Are detectors installed within 12 inches of the floor?		Yes <input type="checkbox"/>	No <input type="checkbox"/>