



## Cooking and LPG Use at Special Events

November 2009

**PURPOSE** To establish requirements for cooking operations within special events.

**SCOPE** This document pertains to all special events whether public or private utilizing vendors which cook foods.

### DEFINITIONS

**Canopy** A temporary structure, enclosure or shelter constructed of fabric or pliable materials supported in any manner other than by air or the contents it protects, which is open, without side walls or drops on 75 percent or more of the perimeter.

**Cooking Booths** - Those tents, canopies or other structures that are used solely for the purposes of cooking. No other uses permitted except the sales of the food cooked.

**Temporary Structure** - Any enclosure or shelter constructed of materials as described in the 2003 International Fire Code, as amended, and erected for a period of less than 180 days.

**Tent** - Any temporary structure, enclosure, or shelter constructed of fabric or pliable material supported in any manner other than by air or the contents it protects, with side walls or drops on 75 percent or more of the perimeter.

### POLICIES

#### Cooking Booth Structure

- Cooking booths shall be grouped together in single rows, spanning 100 lineal feet or less in distance. See Figure 1 on back. Groups of cooking booths shall be separated from all other non-cooking vendors by at least 16 feet unobstructed clearance in all directions.
- Required fire lane may be part of the required 16-ft separation. If so, 16-ft is absolute minimum. No obstructions in or over the fire lane permitted.
- There is no limit on the number of grouped cooking booths or where they are located within the event.
- Cooking booths shall be constructed from flame retardant materials. A label shall be permanently affixed to the structure.

#### Cooking Fuels

##### LPG

- One cylinder per cooking appliance plus one cylinder per cylinder size, additional storage, permitted for each cooking booth.
- Safety valves on LPG cylinders shall be pointed away from tent/canopies/structures.
- LPG cylinders shall be located outside of cooking booths (unless specifically approved) and no less than 1 foot from the exterior of the structure.
- LPG cylinders shall be located remotely from all exits for each vendor as well as adjacent vendors.
- LPG tanks are uniformly and remotely located amongst each cooking vendor. See Figure 2 on back.
- No smoking signs are posted within 10 feet of the cylinders. Wording for signs shown in Figure 3 on back.
- Cylinders are protected and securely fastened to a suitable object to prevent tampering and/or tipping.
- Any individual vendor utilizing more than 125 gallons (water capacity) of LPG will apply for an LPG Permit and meet all applicable code requirements. The permit must be submitted and approved a minimum of 1 week before the event. Permit requirements are more restrictive than noted in this document. ***If during the inspection, a vendor is found to have more than 125 gallons (water capacity) of LPG, that vendor must immediately reduce the LPG to below 125 gallons or the vendor will not be allowed to participate in the event.*** To determine the amount of LPG being used, complete Table 1 on back.

##### Solid Fuels

- All cooking utilizing solid fuels must be done under open air and not located under any canopy, tent, and membrane structure or similar.
- A metal receptacle with a secure lid shall be provided for the sole purposes of collecting hot ashes, smoldering coals, cinders, etc. This receptacle shall not be used for general trash/rubbish.

#### Miscellaneous

- One extinguisher with a minimum rating of 2A: 10BC required for all cooking activities.
- One Class K (wet chemical) extinguisher, in addition to above extinguisher, is required for cooking appliance utilizing vegetable or animal fats and oils.
- Deep fat fryers shall be provided with a metal lid to cover the hot oil in case of rain.

Signature \_\_\_\_\_

Print Name \_\_\_\_\_

Date \_\_\_\_\_

Vendor Name \_\_\_\_\_

I, the above signee, represent a responsible party for the vendor stated above, acknowledge that I have read and understand the requirements contained within this document. Additionally, I understand that I am responsible for ensuring these requirements are met. I also understand not following these requirements may prevent participation in this event.

375 Printers Parkway, Colorado Springs, CO 80910 - 719.385.5978  
"Protecting life and property today, creating a safer tomorrow"



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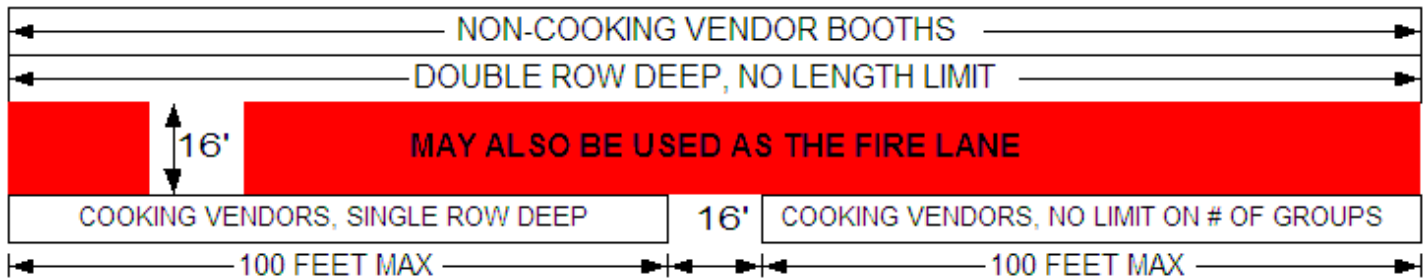


Figure 1 - Spacing/Grouping of Cooking Vendors Example

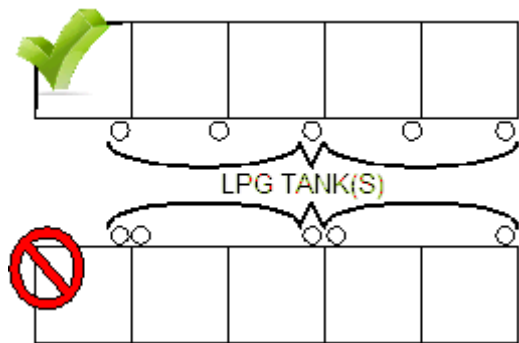


Figure 2- Uniformity of LPG Cylinders Example

**DANGER  
FLAMMABLE  
GAS  
NO SMOKING  
WITHIN 10 FEET**

Figure 3 - No Smoking Sign Example

**Table 1 - LPG Pounds to Gallons of Water Capacity Conversion Table.**

Column 1 Size/type of Cylinders	Column 2 Number of Cylinders	Column 3 Gallons of Water Capacity	Column 4 Total Gallons of LPG in Water Capacity
Cylinder LPG capacity in pounds (lbs)	Total number of cylinders at capacity	Constant	Multiply Column 2 with Column 3
5		1.4	
20		5.7	
33.5		9.6	
40		11	
60		17	
100		29	
150		43	
All Other Size Tanks	Contact the	Division of the Fire Marshal	719.385.5978
Total Gallons of LPG in Gallons of Water Capacity at 80% fill (Add all individual gallon amounts in Column 4)			Gallons
If the total Gallons of Water Capacity is greater than 125, then an LPG Use Permit is required! Contact the Division of the Fire Marshal			