

## Frequently Asked Fire Questions:

- **Why am I required to have a Class K Extinguisher?**

Cooking operations that involve deep frying or similar processes can lead to fires that cannot be controlled with the Dry Chemical type ABC extinguishers. Class K extinguishers emit a Low PH Wet Chemical Agent in a fine mist that helps prevent grease splash and fire re-flash, while cooling the appliance. Some advantages are:

1. Precise extinguishing agent application
2. Excellent for use on all cooking appliances
3. Less corrosive and cleaner than Dry Chemical powders

- **What size Class K Extinguisher do I need?**

A 1.5 gallon (6 liter) Class K extinguisher is sufficient for up to 4 fryers with a maximum capacity of 80 pounds.

- **What is the best way to secure and transport LPG cylinders in a vehicle or trailer?**

All LPG cylinders should be secured during transport and must be isolated from the interior or passenger areas. LPG Cylinders must also be kept away from open flames and other heat sources such as generators. ASME cylinders are generally permanently mounted around the exterior and all appliances are piped outside of the passenger / work area to the bottle. Portable cylinders must also be isolated from the passenger / work area. They must be securely mounted on the vehicle outside or placed in a gastight compartment that prevents vapors from entering the passenger/work area. LPG Cylinders should never be transported or installed inside a vehicle passenger area.

- **Where will I be inspected?**

Initial and renewal inspections take place in conjunction with Food Service inspections. All mobile food vendors operating in the City of Alvin are subject to inspection in the field.

- **Does the Fire Code Inspection cover only the items listed on the checklist? What are they?**

The checklist provided covers some of the most common concerns with mobile food operations, but additional items are subject to inspection:

1. Electrical wiring – all wiring in safe manner, not exposed to elements or public
2. Access / egress - sufficient exits for escape in the event of fire, not blocked or locked
3. Check out the self-inspection form on the fire marshal's web page
4. [http://www.alvin-tx.gov/users/0001/Fire/Fire%20Marshal/Self\\_Inspection\\_Checklist\\_1.pdf](http://www.alvin-tx.gov/users/0001/Fire/Fire%20Marshal/Self_Inspection_Checklist_1.pdf)

Please contact the City of Alvin Fire Marshal's office  
with any questions you may have.

281-388-7688

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