



**TYLER FIRE DEPARTMENT  
FIRE MARSHAL'S OFFICE  
MOBILE FOOD TRUCK REQUIREMENTS**



All food trucks equipped with LPG systems SHALL:

- Have an LPG gas detector mounted on the inside of the vehicle
- Have a main "SHUT OFF" via a ¼ turn valve with reflective 4" lettered signage
- Hoses, connectors, and piping must be UL listed for use with LPG systems
- A flexible connector shall be installed between the container outlet and the fixed piping system
- The fixed piping system shall be installed, supported and secured to minimize the possibility of damage due to vibration, strains, or wear and to preclude any loosening during transit
- Have an LPG system pressure test performed annually by a licensed LPG technician and documented on provided TFD LPG pressure test paperwork

REGULATOR PROTECTIONS

- The LPG system shall be protected by an inline pressure regulator
- Regulators shall be installed with the pressure relief vent opening pointing vertically downward
- Regulators shall NOT be installed in compartments

LPG CONTAINERS

- Containers shall NOT be mounted directly on roofs or ahead of front axle (not including trailers) or beyond the rear bumper of the vehicle
- No part of the container or its appurtenances shall protrude beyond the sides or top of the vehicle
- Container shall have permanent protection for the fill/discharge valves
- Maximum allowable quantity is 200lb container
- Containers shall be secured with mounting brackets or chains. Bungee cords are NOT a viable means of securing containers
- Relief valves on containers shall be in direct communication with vapor space
- Containers shall be mounted on the outside of the vehicle or in a recess or cabinet vapor-tight to the inside of the vehicle, but accessible from and vented to the outside
- Containers shall be protected from impact
- Containers mounted under the vehicle are considered protected if they are listed for that purpose and installed properly
- Containers shall NOT be mounted lower than the lowest point of the engine and transmission or lower than the lowest structural member or lower than the lowest point of the axle
- LPG containers shall NOT be installed, transported, or stored inside of the mobile food vehicle
- Container valves shall be CLOSED when equipment is not in use

LPG APPLIANCES

- All appliances installed on mobile food trucks shall be approved, UL listed, and properly installed for the appropriate fuel source

- Appliances shall be secured or otherwise protected to minimize possible damage or impaired operation due to shifting or moving during transport
- Appliances shall not block means of egress
- Appliances shall be installed with appropriate flexible connector between fixed piping and appliance

#### AUTOMATIC EXTINGUISHING SYSTEM and HOODS Type 1

- All mobile food trucks including trailers with operations that produce grease laden vapors shall have a TYPE 1 hood w/ an AES installed by a licensed professional. AES shall be designed to shut off fuel supply to the appliances in the event of a discharge. AES systems are required to have a remote pull station
- Hood and AES shall be cleaned on a regular basis and inspected, serviced, and tagged every 6 months
- If a fire occurs or an accidental discharge of the AES happens, the system shall be serviced and tagged by a licensed professional. The mobile food truck shall be inspected by NET Health and TFD Fire Marshal prior to being put back in service

#### ELECTRICAL

- Generators
  - All mobile food trucks shall direct exhaust gases away from the service side of the vehicle
  - A 20 minute cool down period is required prior to refueling generator
  - Gasoline must be kept in metal safety cans and stored away from operations
- RV style hook up required on exterior of vehicle for mobile food units with a separated/remote generator
- Electrical breaker panel designed with appropriate breakers is required. All breakers must be properly labeled
- NO extension cords used as permanent wiring. All electrical appliances shall have their own receptacle
- NO open junction boxes

#### ALL MOBILE FOOD TRUCKS

- Shall be equipped with at least one ABC fire extinguisher; classification 2A;10B,C
- Food trucks that require an AES also require a K-Class hand extinguisher
- If equipped with a LPG system, a leak test shall be performed by qualified personnel at least once a year
- ALL food trucks shall post a NO SMOKING sign
- ALL mobile food trucks including trailers shall be subject to an annual fire inspection conducted by TFD Fire Marshal's Office

All of the above requirements are taken from the following standards and codes:

1. NFPA 96: Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
2. NFPA 58: Liquefied Petroleum Gas Code
3. IFC 2021 Section 319: Mobile Food Preparation Vehicles
4. IFC 2021 Section 606: Commercial Cooking Equipment and Systems