



# The Town of Ludlow, Massachusetts Fire Department



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Inspection Type: Mobile Food Truck/Trailer  
Inspector: Captain Zac Ellison

Inspection Date:  
Inspection Result:

Massachusetts Comprehensive Fire Safety Code 527 CMR 1.00

Chapter 10 General Safety Requirements  
Chapter 50 Commercial Cooking Equipment

## Inspection Topics:

### Documentation

#### Certificates/Licenses/Reports

Certificates, inspection reports available upon request. 527 CMR 1.00 Chapter 50 COMMERCIAL COOKING EQUIPMENT 50.5.6 CLEANING OF EXHAUST SYSTEMS -50.5.6.2.1.1 - A qualified individual who will be offering or conducting cleaning or inspection services shall hold a Certificate of Competency issued by the State Fire Marshal. 50.5.2 INSPECTION, TESTING, AND MAINTENANCE OF FIRE-EXTINGUISHING SYSTEMS -50.5.2.8 Where required, certificates of inspection and maintenance shall be forwarded to the AHJ.

**Status:**  
**Notes:**

### Cooking Equipment

Are appliances located as to not block egress of person (s) from the vehicle in the case of a fire?

NFPA 58: 6.24.7.9

**Status:**  
**Notes:**

Is a caution plate present?

69.3.12.7.10 A permanent caution plate shall be affixed to either the appliance or the vehicle outside of any enclosure, shall be adjacent to the container(s), and shall include the following instructions: CAUTION: (1) Be sure all appliance valves are closed before opening container valve. (2) Connections at the appliances, regulators, and containers shall be checked periodically for leaks with soapy water or its equivalent. (3) Never use a match or flame to check for leaks. (4) Container valves shall be closed when equipment is not in use. [58: 6.24.7.10]

**Status:**  
**Notes:**

Are appliances kept clean and serviced?

No grease accumulation in, below, behind cooking equipment. 50.6.7.1 Inspection and servicing of the cooking equipment shall be made at least annually by properly trained and qualified persons. [96:12.7.1] 50.5.7 Cooking Equipment Maintenance -50.5.7.2

**Status:**  
**Notes:**

Are covers for deep fryers in place during transportation?

50.8.12.1: All fat fryers shall have a lid over the oil vat that can be secured to prevent the spillage of cooking oil during transit. This lid shall be secured at all times when the vehicle is in motion.

**Status:**  
**Notes:**

## Exhaust System

Is a current exhaust hood label(s) present?

Exhaust hood label present, current, properly used 527 CMR 1.00 Chapter 50 COMMERCIAL COOKING EQUIPMENT 50.5.6 CLEANING OF EXHAUST SYSTEMS -50.5.6.13 - When an exhaust cleaning service is used, a certificate showing the name of the servicing company, the name of the person performing the work, and the date of inspection or cleaning shall be maintained on the premises. The content, size, design and placement of any label shall be prescribed by the State Fire Marshal.

**Status:**

**Notes:**

Is the hood, ducts, fans and other parts of the exhaust system clean?

Inspected on schedule. Clean with no deficiency's 527 CMR 1.0 Chapter 50 COMMERCIAL COOKING EQUIPMENT 50.5.4 - Inspection of Grease Buildup 50.5.6 - Cleaning of Exhaust Systems

**Status:**

**Notes:**

Are there any visible deficiencies in the hood exhaust system?

Check for continuous weld, cracks, or any other deficiencies. 527 CMR 1.00 Chapter 50 and NFPA 96.

**Status:**

**Notes:**

## Fire Suppression Systems

Fire Extinguishing System

Installed 527 CMR 1.00 Chapter 50 COMMERCIAL COOKING EQUIPMENT 50.4 Fire-Extinguishing Equipment -50.4.3.1 (exhaust duct systems) -50.4.3.2 (cooking equipment)

**Status:**

**Notes:**

Inspected

527 CMR 1.00 Chapter 50 COMMERCIAL COOKING EQUIPMENT 50.5.2 Inspection, Testing, and Maintenance of Fire-Extinguishing Systems

**Status:**

**Notes:**

Is the manual activation device located in a means of egress or at a location acceptable to the AHJ?

50.4.7.1.1

**Status:**

**Notes:**

Are there instructions posted for the use of the manual activation lever?

50.5.4.1.2

**Status:**

**Notes:**

CO detection present

50.8.9.1: If the heat source is nonelectric and open flames are used, at least one listed carbon monoxide detector shall be installed. [96:17.9.1]

**Status:**

**Notes:**

Is there audible and visual notification located on the exterior of the vehicle?

It is required for new builds (after 12-8-2022) for vehicles to have these devices installed.

**Status:**

**Notes:**

## Fire Extinguishers

### 2-A:10-B:C Extinguisher (generator)

527 CMR 1.00 10.15.10 Internal Combustion Power Sources -10.15.10.4 Fire Extinguishers

**Status:**

**Notes:**

### Class K Extinguisher (cooking equipment)

Present, Inspected, Tagged, Accessible 527 CMR 1.00 - 10.15 Outdoor Events, Carnivals, and Fairs 50.4.12 Portable Fire Extinguishers -10.15.5 Portable Fire Extinguishers - 50.4.12 Portable Fire Extinguishers

**Status:**

**Notes:**

## Liquefied Petroleum Gas (LPG) System

### Is the cylinder within test date?

Initially 10 years from date of manufacturer unless requalified by an approved individual.

**Status:**

**Notes:**

### Are the LPG Cylinders or ASME Tanks Installed properly?

The LP-Gas supply system, including the containers, shall be installed either on the outside of the vehicle or in a recess or cabinet vaportight to the inside of the vehicle but accessible from and vented to the outside, with the vents located near the top and bottom of the enclosure and 3 ft (1 m) horizontally away from any opening into the vehicle below the level of the vents. [58: 6.24.3.3], 69.3.12.3.4. Containers shall be mounted securely on the vehicle or within the enclosing recess or cabinet. [NFPA 58: 6.24.3.4] Fuel containers shall be mounted to prevent jarring loose and slipping or rotating, and the fastenings shall be designed and constructed to withstand, without permanent visible deformation, static loading in any direction equal to four times the weight of the container filled with fuel. [58: 6.24.3.4(B)] All container valves, appurtenances, and connections shall be protected to prevent damage from accidental contacts with stationary objects; from loose objects, stones, mud, or ice thrown up from the ground or floor; and from damage due to overturn or similar vehicular accident. [58: 6.24.3.4(E)]. Permanently mounted ASME containers shall be located on the vehicle to provide the protection specified in 69.3.12.3.4.5. [58: 6.24.3.4(F)] . Cylinders shall have permanent protection for cylinder valves and connections. [58: 6.24.3.4(G)]. Where cylinders are located on the outside of a vehicle, weather protection shall be provided. [58: 6.24.3.4(H)]. 527 CMR 1.00 MASSACHUSETTS COMPREHENSIVE FIRE SAFETY CODE -CHAPTER 69 LPG/LNG

**Status:**

**Notes:**

### Are the container appurtenances installed correctly?

Pressure relief valve installation on ASME containers installed in the interior of vehicles complying with Section 11.9 of NFPA 58 shall comply with 11.8.5 of NFPA 58. (2) Pressure relief valve installations on ASME containers installed on the outside of vehicles shall comply with 11.8.5 of NFPA 58 and 69.3.12.3.3. (3) Main shutoff valves on containers for liquid and vapor shall be readily accessible. (4) Cylinders shall be designed to be filled in either the vertical or horizontal position, or if they are the universal type, they are permitted to be filled in either position. (5) All container inlets, outlets, or valves installed in container inlets or outlets, except pressure relief devices and gauging devices, shall be labeled to designate whether they communicate with the vapor or liquid space. (6) Containers from which only vapor is to be withdrawn shall be installed and equipped with connections to minimize the possibility of the accidental withdrawal of liquid. [58: 6.24.4.1].

**Status:**

**Notes:**

### Is flexibility maintained between the fixed piping system, the regulator and the tank?

69.3.12.5.1.2 A flexible connector shall be installed between the regulator outlet and the fixed piping system to protect against expansion, contraction, jarring, and vibration strains. [58: 6.24.5.1(B)] 69.3.12.5.1.3 Flexibility shall be provided in the piping between a cylinder and the gas piping system or regulator. [58: 6.24.5.1(C)] Only approved flexible connections shall be acceptable and they shall comply with NFPA 58: 6.9.6 and 6.24.5.

**Status:**

**Notes:**

### Is the regulator installed properly and is it the appropriate style (dual stage)?

Regulators shall be installed with the pressure relief vent opening pointing vertically downward to allow for drainage of moisture collected on the diaphragm of the regulator. [58: 6.24.4.2(A)] 69.3.12.4.2.2 Regulators not installed in compartments shall be equipped with a durable cover designed to protect the regulator vent opening from sleet, snow, freezing rain, ice, mud, and wheel spray. [58: 6.24.4.2 (B)].

**Status:**

**Notes:**

**Is the LPG piping installed properly?**

Piping shall be installed in accordance with 6.9.3 of NFPA 58 and 69.3.12.5.1.1 through 69.3.12.5.1.13. [58: 6.24.5.1] 69.3.12.5.1.1 Steel tubing shall have a minimum wall thickness of 0.049 in. (1.2 mm). [58: 6.24.5.1(A)] 69.3.12.5.1.2 A flexible connector shall be installed between the regulator outlet and the fixed piping system to protect against expansion, contraction, jarring, and vibration strains. [58: 6.24.5.1(B)] 69.3.12.5.1.3 Flexibility shall be provided in the piping between a cylinder and the gas piping system or regulator. [58: 6.24.5.1(C)] 69.3.12.5.1.4 Flexible connectors shall be installed in accordance with 6.9.6 of NFPA 58. [58: 6.24.5.1(D)] 69.3.12.5.1.5 Flexible connectors longer than the length allowed in the Code, or fuel lines that incorporate hose, shall be used only where approved. [58: 6.24.5.1(E)] 69.3.12.5.1.6 The piping system shall be designed, installed, supported, and secured to minimize the possibility of damage due to vibration, strains, or wear and to preclude any loosening while in transit. [58: 6.24.5.1(F)] 69.3.12.5.1.7 Piping shall be installed in a protected location. [58: 6.24.5.1(G)] 69.3.12.5.1.8 Where piping is installed outside the vehicle, it shall be installed as follows: (1) Piping shall be under the vehicle and below any insulation or false bottom. (2) Fastening or other protection shall be installed to prevent damage due to vibration or abrasion. (3) At each point where piping passes through sheet metal or a structural member, a rubber grommet or equivalent protection shall be installed to prevent chafing. [58: 6.24.5.1(H)] 69.3.12.5.1.9 Gas piping shall be installed to enter the vehicle through the floor directly beneath or adjacent to the appliance served. [58: 6.24.5.1(I)] 69.3.12.5.1.10 If a branch line is installed, the tee connection shall be located in the main gas line under the floor and outside the vehicle. [58: 66.24.5.1(J)] Exposed parts of the piping system shall be protected from corrosion.

**Status:**

**Notes:**

**Is there a compliant Gas Detector installed?**

50.8.7.3.1: All mobile and temporary cooking operations equipped with a propane appliance and an electrical system shall be equipped with a propane detector listed and marked on the device as being suitable for use in the vehicles under the requirements of UL 1484, and installed according to the terms of its listing. [96:17.7.2.1]

**Status:**

**Notes:**

**Electrical Power**

**Generator(s)**

527 CMR 1.00 10.15.10 Internal Combustion Power Sources -10.15.10.1 Fueling -10.15.10.2 Refueling -10.15.10.3 Protection

**Status:**

**Notes:**

**General Houskeeping**

**Other hazards, concerns or comments?**

Other hazards or concerns that need to be addressed.

**Status:**

**Notes:**

**Are the appliances located so that a fire at any appliance will not block egress of persons from the vehicle?**

50.8.4.9 Appliances shall be located so that a fire at any appliance will not block egress of persons from the vehicle. [58:6.26.7.9]

**Status:**

**Notes:**

**Summary:**

**Overall Result:**

**Inspector Notes:**

**Inspector:**

Name:

