

CHAPTER 1 ADMINISTRATION

SECTION 105 PERMITS

Section 105 Permits. Is hereby **AMENDED** by **ADDING** the following:

105.6.47 State Licensed Facilities-Annual Inspection. An operational permit is required on an annual basis for the operation of a State Licensed Facility. These facilities include the following: Hospitals, Group Homes, Nursing Homes, Child Day Care or Preschool and Behavioral Health Facilities.

105.6.48 State Licensed Facilities-Triennial Inspection. An operational permit is required on a Triennial (every 3 years) basis for the operation of a State Licensed Facility. These facilities include the following: Assisted Living Homes and Assisted Living Centers.

105.6.49 Carbon dioxide systems used in beverage dispensing applications. An operational permit is required for carbon dioxide systems used in beverage dispensing applications having more than 100 pounds of carbon dioxide.

105.6.50 Mobile Food Preparation Vehicle. An operational permit is required for mobile food preparation vehicles equipped with appliances that produce smoke or grease laden vapors.

SECTION 113 FEES.

Section 113 Fees. Is hereby **AMENDED** by **ADDING** the following table:

**TABLE 113
PERMIT FEE SCHEDULE**

PERMIT TYPE	FREQUENCY	FEE	DESCRIPTION/NOTES
<u>Automatic Extinguishing Systems:</u>			
Special Hazard System New System	1 (each submittal)	\$247.50	Fees for Clean Agent, Dry Chemical, Carbon Dioxide, and other Special Extinguishing Systems. 0-5000 Sq. Ft.
Special Hazard New Installation Additional Systems	1 (each submittal)	\$125.00	Fee is for each additional 5,000 sq. ft. or fraction thereof
Commercial Cooking System New System	1 (each submittal)	\$165.00	Fees are for one system installation.

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Commercial Cooking System New Additional Systems	1 (each submittal)	\$125.00	Fees are for each additional system.
Commercial Cooking System Modification to Existing	1 (each submittal)	\$165.00	Fees are for ANY modification made to the system.
Commercial Fire Sprinkler System New Underground Fire Line (Supply)	1 (each submittal)	\$247.50	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Commercial Fire Sprinkler System New Installation 0-10,000 sq. ft.	1 (each submittal)	\$385.00	Fees are for 1 plan review and up to 3 inspections. Additional inspections will be charged at \$82.50 per inspection
Commercial Fire Sprinkler System New Installation 10,001-52,000 sq. ft.	1 (each submittal)	\$450.00	Fees are for 1 plan review and up to 3 inspections. Additional inspections will be charged at \$82.50 per inspection.
Commercial Fire Sprinkler System New Installation- Each additional 52,001 sq. ft. or fraction thereof	1 (each submittal)	\$125.00	Fees are for new system installation each additional 52,000 sq. ft. or fraction thereof
Commercial Fire Sprinkler System New Installation -Stories	1 (each submittal)	\$125.00	Fees for each floor above or below the first floor reviewed.
Commercial Fire Sprinkler System New Standpipe Systems 1 to 10 outlets	1 (each submittal)	\$247.50	Fees are for 1-10 outlets
Commercial Fire Sprinkler System New Standpipe Systems 11 or more outlets	1 (each submittal)	\$150.00	Fees are for each additional 4 outlets or fraction thereof.
Commercial Fire Sprinkler System Modifications to Standpipe System	1 (each submittal)	\$125.00	Fees are for modifications to the Standpipe Systems.
Commercial Fire Sprinkler System In-rack Sprinklers	1 (each submittal)	\$247.50	Fees are for all In Rack Storage Installations.

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Commercial Fire Sprinkler System Modification 1-20 heads	1 (each submittal)	\$165.00	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Commercial Fire Sprinkler System Modification 21-100 heads	1 (each submittal)	\$225.00	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Commercial Fire Sprinkler System Modification 101-500 heads	1 (each submittal)	\$315.00	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Commercial Fire Sprinkler System Modification 501 heads or more	1 (each submittal)	\$450.00	Permit fees will be treated as a new system
Residential Fire Sprinklers NFPA 13D - 0-6,000 sq. ft.	1 (each submittal)	\$247.50	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Residential Fire Sprinklers NFPA 13D - 6,001-10,000 sq. ft.	1 (each submittal)	\$330.00	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Modification to existing NFPA 13D System	1 (each submittal)	\$165.00	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
<u>FIRE PUMPS:</u>			
Commercial Fire Pump and Related Equipment	1 (each submittal)	\$520.00	Fees are for new single pump systems, includes the tank
Commercial Fire Pump and Related Equipment Additional	1 (each submittal)	\$350.00	Fees are for additional fire pumps.

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Commercial Fire Pump and Related Equipment Modifications - No Testing	1 (each submittal)	\$250.00	Fees are for modifications that do NOT require testing
Commercial Fire Pump and Related Equipment Modifications – With Testing	1 (each submittal)	\$385.00	Fees are for fire pump modifications that DO require testing.
<u>FIRE ALARM SYSTEMS:</u>			
Fire Alarm System New 0-10,000 sq. ft.	1 (each submittal)	\$385.00	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Fire Alarm System New 10,001-52,000 sq. ft.	1 (each submittal)	\$450.00	Fees are for 1 plan review and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Fire Alarm System New each additional 52,000 sq. ft. or fraction thereof	1 (each submittal)	\$310.00	Fees are for up to 1 additional plan review hour and up to 2 inspections. Additional inspections will be charged at \$82.50 per inspection.
Fire Alarm System New Additional Stories	1 (each submittal)	\$100.00	Fees are for new fire alarm system installation additional floor above or below the first floor level.
Fire Alarm System Modification 1-5 devices	1 (each submittal)	\$125.00	Fees are for 1 plan review and 1 inspection. Additional inspections will be charged at \$82.50 per inspection.
Fire Alarm System Modification 6-20 devices	1 (each submittal)	\$165.00	Fees are for 1 plan review and 1 inspection. Additional inspections will be charged at \$82.50 per inspection.
Fire Alarm System Modification 21 or more devices	1 (each submittal)	Refer to new system	For 21 or more fire alarm devices. Permit fee will be treated as a new system.
Fire Protection System Monitoring Only	1 (each submittal)	\$125.00	Fees are for 1 plan review and 1 inspection. Additional inspections will be charged at \$82.50 per inspection.

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Fire Protection System Monitoring Modification	1 (each submittal)	\$82.50	Fees are for 1 plan review 1 inspection. Additional inspections will be charged at \$82.50 per inspection.
<u>SPECIAL OCCUPANCIES:</u>			
Tent and Membrane Structures	Single tent or membrane structure	\$165.00	Fees are for 1 plan review and 1 inspection. Additional inspections will be charged at \$82.50 per inspection and after hours inspections will be charged at \$82.50 per hour with a minimum of 2 hours.
Tent and Membrane Structures	Each additional tent or membrane structure on the site	\$82.50	Fees are for 1 inspection. Any additional inspections will be charged at \$82.50 per inspection
State Licensed Facility Inspection Hospitals (Annual)	Per inspection	\$82.50 plus \$10.00 per bed	Fees are for 1 initial inspection and up to 2 re-inspections. Additional inspections will be charged at \$82.50 per inspection.
State Licensed Facility Inspection Group Home (annual)	Per inspection	\$82.50	Fee is for 1 initial inspection and 1 re-inspection. Additional inspections will be charged at \$82.50 per inspection.
State Licensed Facility Inspection Nursing Homes (annual)	Per inspection	\$82.50 plus \$10.00 per bed	Fees are for 1 initial inspection and up to 2 re-inspections. Additional inspections will be charged at \$82.50 per inspection.
State Licensed Facility Inspection Child Day Care or Preschool (annual) 1-50 persons	Per inspection	\$82.50	Fees are for 1 initial inspection and 1 re-inspection. Additional inspections will be charged at \$82.50 per inspection.
State Licensed Facility Inspection Child Day Care or Preschool (annual) 51 or more persons	Per inspection	\$165.00	Fees are for 1 initial inspection and up to 1 re-inspection. Additional inspections will be charged at \$82.50 per inspection
State Licensed Facility Inspection Behavioral Health Facilities (annual)	Per inspection	\$82.50 plus \$10.00 per bed	Fees are for 1 initial inspection and up to 2 re-inspections. Additional inspections will be charged at \$82.50 per inspection.

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State Licensed Facility Inspection Assisted living homes 1-10 beds (triennial-every 3 years)	Per inspection	\$82.50 plus \$10.00 per bed	Fees are for 1 initial inspection and up to 2 re-inspections. Additional inspections will be charged at \$82.50 per inspection.
State Licensed Facility Inspection Assisted living centers 11 or more beds (triennial-every 3 years)	Per inspection	\$82.50 plus \$10.00 per bed	Fees are for 1 initial inspection and up to 2 re-inspections. Additional inspections will be charged at \$82.50 per inspection.
State Licensed Facility Inspection Other Inspection Requests not listed in this table	Per inspection	\$82.50	Fees are for 1 initial inspection and 1 re-inspection. Additional inspections will be charged at \$82.50 per inspection.
<u>MISCELLANEOUS</u> <u>PERMITS:</u>			
Development Plans Document Review	Per submittal	\$82.50	Fee is for 1 initial review and up to 1 additional review.
Building Permits Document Review	Per submittal	\$165.00	Fee is for 1 initial review and up to 1 additional review.
Building Permits Inspections	Per submittal	\$82.50	Fee is per fire final inspection on building permits.
Liquor License - Extension of Premises	Per inspection	\$82.50	Fees are for 1 initial inspection and 1 re-inspection. Additional inspections will be charged at \$82.50 per inspection.
Work started without approved Operational or Construction Permit	Per incident	200%	Fee is based on two times the amount of the original permit fee.
Fire Code Official Appeal	Per request	\$247.50	Fee is based on 3 hours of staff time for research and review of application.
Work started without approved Operational or Construction Permit	Per incident	200%	Fee is based on two times the amount of the original permit fee.

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Operational Permits listed in the IFC	Per permit	\$165.00	Fee is based on review of permit application and 1 inspection. Additional inspections necessary will be charged at the rate of \$82.50 per hour.
Other Construction or Operational Permits in IFC not listed in this table	Per submittal	\$165.00	Fees are for 1 plan review and 1 inspection. Additional inspections will be charged at \$82.50 per inspection.
Inspections performed outside of TFD normal business hours	Requested or required per permit	\$165.00	Fee is for up to 1 hour of inspection time. Additional inspection time will be billed at \$82.50 per hour or fraction thereof.

CHAPTER 2 DEFINITIONS

SECTION 202 - GENERAL DEFINITIONS

The following **Definition** is hereby **ADDED** to read as follows:

Mobile food preparation vehicle. Vehicles that contain cooking equipment, as described in Section 4.1.9 of NFPA 96, that produce smoke or grease laden vapors for the purpose of preparing and serving food to the public. Vehicles intended for private recreation shall not be considered mobile food preparation vehicles.

CHAPTER 3 GENERAL REQUIREMENTS

Is hereby **AMENDED** by **ADDING** the following subsection:

SECTION 319 MOBILE FOOD PREPARATION VEHICLES

319.1 General. *Mobile food preparation vehicles* that are equipped with appliances that produce smoke or grease laden vapors shall comply with this section.

319.2 Permit Required. Permits shall be required as set forth in Section 105.6.

319.3 Exhaust hood. Cooking equipment that produces grease laden vapors shall be provided with a kitchen exhaust hood in accordance with Section 609.

319.4 Fire protection. Fire protection shall be provided in accordance with Section 319.4.1 through 319.4.2.

319.4.1 Fire protection for cooking equipment. Cooking equipment shall be protected by automatic fire extinguishing systems in accordance with Section 904.11.

319.4.2 Fire extinguisher. Portable fire extinguishers shall be provided in accordance with Section 904.11.5.

319.5 Appliance connection to fuel supply piping. Gas cooking appliances shall be secured in place and connected to fuel supply piping with an appliance connector complying with ANSI Z21.69/CSA 6.16. The connector installation shall be configured in accordance with manufacturer's installation instructions. Movement of appliances shall be limited by restraining devices installed in accordance with the connector and appliance manufacturer's instructions.

319.6 Cooking oil storage containers. Cooking oil storage containers within *mobile food preparation vehicles* shall have a maximum aggregate volume not to exceed 120 gallons (454 L), and shall be stored in such a way as to not be toppled or damaged during transport.

319.7 Cooking oil storage tanks. Cooking oil storage tanks within *mobile food Preparation vehicles* shall comply with Section 319.7.1 through 319.7.5.

319.7.1 Metallic storage tanks. Metallic cooking oil storage tanks shall be listed in accordance with UL 142 or UL 80, and shall be installed in accordance with the tank manufacturer's instructions.

319.7.2 Nonmetallic storage tanks. Nonmetallic cooking oil storage tanks shall be installed in accordance with the tank manufacturer's instructions and shall also comply with all of the following:

1. Tanks shall be listed for use with cooking oil, including maximum temperature to which the tank will be exposed during use.
2. Tank capacity shall not exceed 200 gallons (757 L) per tank.

319.7.3 Cooking oil storage system components. Metallic and nonmetallic cooking oil storage system components shall include but are not limited to piping, connections, fittings, valves, tubing, hose, pumps, vents and other related components used for the transfer of cooking oil.

319.7.4 Design criteria. The design, fabrication and assembly of system components shall be suitable for the working pressures, temperatures and structural stresses to be encountered by the components.

319.7.5 Tank venting. Normal and emergency venting shall be provided for cooking oil storage tanks.

319.7.5.1 Normal vents. Normal vents shall be located above the maximum normal liquid line, and shall have a minimum effective area not smaller than the largest filling or withdrawal connection. Normal vents are not required to vent to the exterior.

319.7.5.2 Emergency vents. Emergency relief vents shall be located above the maximum normal liquid line, and shall be in the form of a device or devices that will

relieve excessive internal pressure caused by an exposure fire. For nonmetallic tanks, the emergency relief vent shall be allowed to be in the form of construction. Emergency vents are not required to discharge to the exterior.

319.8 LP-gas systems. Where LP-gas systems provide fuel for cooking appliances, such systems shall comply with Chapter 61 and Sections 319.8.1 through 319.8.5.

319.8.1 Maximum aggregate volume. The maximum aggregate capacity of LP-gas containers transported on the vehicle and used to fuel cooking appliances only shall not exceed 200 pounds propane capacity.

319.8.2 Protection of container. LP-gas containers installed on the vehicle shall be securely mounted and restrained to prevent movement.

319.8.3 LP-gas container construction. LP-gas containers shall be manufactured in compliance with the requirements of NFPA 58.

319.8.4 Protection of system piping. LP-gas system piping, including valves and fittings, shall be adequately protected to prevent tampering, impact damage, and damage from vibration.

319.8.5 LP-gas alarms. A listed LP-gas alarm shall be installed within the vehicle in the vicinity of LP-gas system components, in accordance with manufacturer's instructions.

319.9 CNG Systems. Where CNG systems provide fuel for cooking appliances, such systems shall comply with Sections 319.9.1 through 319.9.4.

319.9.1 CNG containers supplying only cooking fuel. CNG containers installed solely to provide fuel for cooking purposes shall be in accordance with sections 319.9.1.1 through 319.9.1.3

319.9.1.1 Maximum Aggregate Volume. The maximum aggregate capacity of CNG containers transported on the vehicle shall not exceed 1,300 pounds water capacity.

319.9.1.2 Protection of container. CNG containers shall be securely mounted and restrained to prevent movement. Containers shall not be installed in locations subject to a direct vehicle impact.

319.9.1.3 CNG container construction. CNG containers shall be a NGV-2 cylinder.

319.9.2 CNG containers supplying transportation and cooking fuel. Where CNG containers and systems are used to supply fuel for cooking purposes in addition to being used for transportation fuel, the installation shall be in accordance with NFPA 52.

319.9.3 Protection of system piping. CNG system piping, including valves and fittings, shall be adequately protected to prevent tampering, impact damage, and damage from vibration.

319.9.4 Methane alarms. A listed methane gas alarm shall be installed within the vehicle in accordance with manufacturer's instructions.

319.10 Maintenance. Maintenance of systems on mobile food preparation vehicles shall be in accordance with Sections 319.10.1 through 319.10.3.

319.10.1 Exhaust system. The exhaust system, including hood, grease-removal devices, fans, ducts and other appurtenances, shall be inspected and cleaned in accordance with Section 609.3.

319.10.2 Fire protection systems and devices. Fire protection systems and devices shall be maintained in accordance with Section 901.6.

319.10.3 Fuel gas systems. LP-gas containers installed on the vehicle and fuel-gas piping systems shall be inspected annually by an approved inspection agency or a company that is registered with the U.S. Department of Transportation to requalify LP-gas cylinders, to ensure that system components are free of damage, suitable for the intended service and not subject to leaking. CNG containers shall be inspected every three years in a qualified service facility. CNG containers shall not be used past their expiration date as listed on the manufacturer's container label. Upon satisfactory inspection, the approved inspection agency shall affix a tag on the fuel gas system or within the vehicle indicating the name of the inspection agency and the date of satisfactory inspection.

CHAPTER 53 COMPRESSED GASES

SECTION 5307 COMPRESSED GASES NOT OTHERWISE REGULATED

Is hereby **AMENDED** by **DELETING** the subsection (in its entirety) and **REPLACING** it with the following:

SECTION 5307 CARBON DIOXIDE (CO₂) SYSTEMS USED IN BEVERAGE DISPENSING APPLICATIONS

5307.1 General. Carbon dioxide systems with more than 100 pounds (45.4 kg) of carbon dioxide used in beverage dispensing applications shall comply with Sections 5307.2 through 5307.5.2.

5307.2 Permits. Permits shall be required as set forth in Section 105.6.

5307.3 Equipment. The storage, use, and handling of liquid carbon dioxide shall be in accordance with Chapter 53 and the applicable requirements of NFPA 55, Chapter 13. Insulated liquid carbon dioxide systems shall have pressure relief devices vented in accordance with NFPA 55.

5307.4 Protection from damage. Carbon dioxide systems shall be installed so the storage tanks, cylinders, piping and fittings are protected from damage by occupants or equipment during normal facility operations.

5307.5 Required protection. Where carbon dioxide storage tanks, cylinders, piping and equipment are located indoors, rooms or areas containing carbon dioxide storage

tanks, cylinders, piping and fittings and other areas where a leak of carbon dioxide can collect shall be provided with either ventilation in accordance with Section 5307.5.1 or an emergency alarm system in accordance with Section 5307.5.2.

5307.5.1 Ventilation. Mechanical ventilation shall be in accordance with the International Mechanical Code and shall comply with all of the following:

1. Mechanical ventilation in the room or area shall be at a rate of not less than 1 cubic foot per minute per square foot [0.00508 m³/(s • m²)].
2. Exhaust shall be taken from a point within 12 inches (305 mm) of the floor.
3. The ventilation system shall be designed to operate at a negative pressure in relation to the surrounding area.

5307.5.2 Emergency alarm system. An emergency alarm system shall comply with all of the following:

1. Continuous gas detection shall be provided to monitor areas where carbon dioxide can accumulate.
2. The threshold for activation of an alarm shall not exceed 5,000 parts per million (9,000 mg/m³).
3. Activation of the emergency alarm system shall initiate a local alarm within the room or area in which the system is installed.

CHAPTER 53 COMPRESSED GASSES

Is hereby **AMENDED** by **ADDING** the following subsection:

SECTION 5308 COMPRESSED GASES NOT OTHERWISE REGULATED

5308.1 General. *Compressed gases* in storage or use not regulated by the material-specific provisions of Chapters 6, 54, 55, and 60 through 67, including asphyxiate, irritant and radioactive gases, shall comply with this section in addition to other requirements of this chapter.

5308.2 Ventilation. Indoor storage and use areas and storage buildings shall be provided with mechanical exhaust ventilation or natural ventilation in accordance with the requirements of Section 5004.3 or 5005.1.9. Where mechanical ventilation is provided, the systems shall be operational during such time as the building or space is occupied.

CHAPTER 80 REFERENCED STANDARDS

NFPA

Is hereby **AMENDED** by **ADDING** the following:

96-11	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations	202
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