

ATTACHMENT B

# Phoenix Fire Prevention Fee Schedule



## Fire Prevention Fee Schedule

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## SECTION 8101 GENERAL

### 8101 Scope.

Fire Prevention fees charged for plan reviews, inspections, Operational permits, annual assessments, certificates and appeals shall be in accordance with this chapter. See Chapter 1 for required permits.

For purposes of this chapter, the hourly rate shall be \$150 per hour. Annual Facilities Program (AFP) hourly rate is \$190. Fees may only be refunded under specific circumstances and approval by the fire code official. A \$150 or 20 percent fee, whichever is greater shall be assessed on all refunds, excludes errors made by staff.

#### 8101.1 Base time.

The base time for plan review, permits and inspections is indicated with each permit; additional time to complete the work or review additional system features will be assessed at the hourly rate and added to the base time.

Fees shall be calculated on the base hours of completion plus additional time to complete. Fees shall be cumulative.

#### 8101.2 Incomplete application submittal.

Per Arizona Revised Statute Section 9-835, incomplete application submittals shall not be accepted.

#### 8101.3 Permit and inspection fees.

Permit and inspection fees are based on the average time to complete the type of work specified. The minimum time assessments for work will be indicated with each permit requirement in this chapter; additional time to complete the work will be assessed at the hourly rate.

### 8101.4 Expedited inspections.

Three of base time shall be added to the inspection fee to expedite the inspection.

**8101.5 Work without a permit.** Operating or starting work without the applicable Fire Prevention permit is strictly prohibited. Where required by the *fire code official* a penalty equal to 300 percent of the cost of the required permit fees shall apply.

### 8101.6 Types of permits.

Permit **types** are in accordance with Section 105.12.

#### 8101.6.1 Operational permits.

An operational permit allows the applicant to conduct an operation or a business for which a permit is required by Section 105.6. Operational permits will not be issued until an inspection is completed.

#### 8101.6.2 Construction permits.

A construction permit allows the applicant to install or modify systems and equipment for which a permit is required by Section 105.7.

##### 8101.6.2.1 Over the counter permits (OTC).

Over the counter permits may be allowed for construction activities as allowed by this code or the fire code official.

Construction permits issued by the Planning & Development Fire Prevention section will be indicated with [P]. Permits that are issued by Fire Prevention will be indicated with [F].

##### 8101.6.2.2 Hazardous materials operating permits.

Hazardous materials fees shall be in accordance with Table 8106.1, Hazardous Materials Assessment Classifications. When assessment fees are levied, no additional fees will be charged for operating permits

### 8101.6.3 Other permits issued.

#### 8101.6.3.1 Business certificates.

A business certificate is required for companies to install, modify, repair, remove or test fire protection equipment within the jurisdiction. See Section 105.9.

The fire code official shall issue a business certificate to qualified persons or entities that install, modify, alter, add to, test, repair or service any fire alarm system, sprinkler system, standpipe system, fire main, fire pump or any other fire-extinguishing or detection system, device or appliance.

Business certificate..... 1.0 hr

**8101.6.3.2 Certificate of fitness.** A certificate is required for individuals using explosive materials, conducting pyrotechnic fireworks or flame effects within the jurisdiction. See Section 105.11.

Pyrotechnics or Flame Effects Certificate of Fitness ..... 1.0 hr  
Explosives Certificate of Fitness ..... 1.0 hr

## SECTION 8102 OPERATIONAL PERMITS

### 8102.1 Operational permit fees.

Fees shall be assessed for operational permits as defined by this code.

**8102.1.1 Penalty fees.** Permit applications for bonfires, fire performers, outdoor assembly events, vehicle displays, tents and other membrane structures, fireworks and trade shows and exhibitions shall be submitted not fewer than 10 business days in advance of the event. This does not include City of Phoenix holidays. Permit applications submitted fewer than 10 business days in advance of the event shall be assessed a penalty fee of \$25 per day. If a permit is denied, the applicant has the right to file for an appeal to the Fire Marshal in accordance with Section 104.6.4.

**8102.2 Reinspection fees.** A reinspection fee may be assessed:

1. Corrections called for are not made or,
2. The items that were identified during the first inspection are not corrected at the time of the reinspection,
3. For failure to provide access on the date for which inspection is requested.
4. Additional inspections required.

Each reinspection may be assessed this fee.

Reinspection fee ..... hourly rate

## Operational Permit Types

To see the requirements for each permit, see Chapter 1, Sections 105.6 – 105.8.

### Aerosols.

To manufacture, store or handle an aggregate quantity of Level 2 or Level 3 aerosol products in excess of 500 pounds (227 kg) net weight.

Permit..... 2.0 hrs

### Agro-industrial and solid biomass facilities.

To use, store or handle agro-industrial product, chips, hogged material in excess of 2,500 cubic feet (71m<sup>3</sup>).

Permit..... 2.0 hrs

### Amusement buildings.

To operate special amusement buildings and haunted houses.

Permit..... 4.0 hrs

### Ammunition.

An operating permit is required to manufacture or reload any amount of small arms ammunition for resale, or to manufacture or reload any amount of military, specialty or custom ammunition.

**Exception:** Storage in Group R-3 occupancies of smokeless propellant, black powder and small arms primers for personal use, not for resale and in accordance with Section 5606.

Permit..... 2.0 hr

### Assisted living facilities.

To operate an assisted living facility. This includes assisted living homes R-3 (1–5 beds), R-4 (6–10 beds), assisted living centers (11 or more beds), supervisory care and adult foster care.

Permit..... 1.0 hr + \$10 per licensed bed

### Aviation facility.

To use a Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel servicing vehicles.

Permit..... 1.0 hr

### Behavioral health care facilities.

An operational permit shall be required to conduct a behavioral health care facility.

Permit..... 1.0 hr + \$10 per bed

### Bonfire or open burning.

To conduct a bonfire.

Permit..... 1.0 hr

**Carbon dioxide liquid systems.**

For the storage, use or handling of carbon dioxide in excess of the amounts listed in table 105.6.8.

Permit ..... 2.0 hr

**Carnivals and fairs, see Outdoor assembly event.****Cellulose nitrate film.**

To store, handle or use cellulose nitrate film in a Group A occupancy.

Permit ..... 2.0 hr

**Combustible dust producing operation.**

To operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, spices or sugar, or other operations producing combustible dusts as defined in Chapter 2.

Permit..... 2.0 hr

**Combustible fiber producing operation.**

An operational permit is required for the storage and handling of combustible fibers in quantities greater than 100 cubic feet (2.8 m3).

Permit..... 2.0 hr

**Compressed gas.**

For the storage, use or handling at normal temperature and pressure (NTP) of compressed gases in excess of the amounts listed in table 105.6.8.

**Exceptions:**

1. Vehicles equipped for and using compressed gas as a fuel for propelling vehicles.
2. Carbon dioxide, see Carbon Dioxide.

Permit .....2.0 hr

**Correctional facilities.**

To conduct a correctional facility.

Permit ..... 2.0 hr

**Covered and open mall buildings.**

Permit ..... 8.0 hrs

**Cryogenic fluids.**

To produce, store, transport on site, use, handle or dispense cryogenic fluids in excess of the amounts listed in Table 105.6.10.

**Exception:** Permits are not required for vehicles equipped for and using cryogenic fluids as a fuel for propelling the vehicle or for refrigerating the lading.

Permit ..... 2.0 hr

**Cutting and welding.**

See hot work operations.

**Daycare facilities, commercial.**

An operational permit is required to operate a commercial daycare facility for children or adults (6 or more).

Permit 6 -50 persons ..... 1.0 hr  
51 or more persons .....2.0 hrs

**Developmentally disabled group care homes.**

An operational permit is required to operate a developmentally disabled group home.

Permit..... 1.0 hr + \$10 per bed

**Dry cleaning.**

To engage in the business of dry cleaning or to change to a more hazardous cleaning solvent used in existing dry-cleaning equipment.

Permit..... 1.0 hr

**Educational facility.**

An operational permit is required for public and private schools K through 12.

Permit..... 1.0 hr

**Exhibits and trade shows.**

Exhibits up to 4,500.....2.0 hrs  
Exhibits 4,500 or greater .....3.0 hrs

**Explosives.**

For the manufacture, storage, handling, sale or use of any quantity of *explosives*, or *explosive materials*.

Permit..... 1.0 hrs

**Explosives, blasting.**

Permit..... 3.0 hrs  
Permit is good for 90 business days and permit fees include 3 inspections. Additional inspections will be charged reinspection fees.

**Firework (pyrotechnic material).**

To use and handling of pyrotechnic material.

**Outdoor use in accordance with NFPA 1123**

Permit (First performance) ..... 4.0 hrs  
Additional performances ..... 1.0 hr each.

**Indoor use in accordance with NFPA 1126**

Permit First performance ..... 4.0 hrs  
Additional performances ..... 1.0 hr

**Demonstration:** Visual confirmation of the ignition of pyrotechnics by Fire Prevention Inspector.

Permit is valid for up to 14 calendar days or 14 performances from start of event provided no changes are made to the “required information.”

**Plan Review Resubmittal \$450** – Fee covers plan review changes to setup after plans have been approved.

**Firework, indoor sales.**

To conduct sales of fireworks indoors.

Permit ..... 2.0 hr

**Firework, outdoor sales.**

To conduct sales of fireworks outdoors.

Permit ..... 2.0 hr

**Firework, wholesale.**

To conduct wholesale sales of fireworks.

Permit ..... 2.0 hr

**Fire hydrants and valves.**

To use or operate fire hydrants or valves intended for fire suppression purposes that are installed on water systems and provided with ready access from a fire apparatus access road that is open to or generally used by the public.

Permit ..... Issued by Water Department

**Exception:** A permit is not required for authorized employees of the water company that supplies the system or the fire department to use or operate fire hydrants or valves, and authorized private fire brigades.

**Flammable/combustible finish operations.**

For finishing or surfacing operations exceeding 350 square feet (33 m<sup>2</sup>) using Class I or Class II liquids.

Permit ..... 2.0 hr

**Flammable/combustible liquids, Class IIIB.**

To manufacture, store, handle Class IIIB liquids (biofuels) in tanks or portable tanks for fueling motor vehicles at motor fuel-dispensing facilities or where connected to fuel-burning equipment.

Permit ..... 2.0 hrs

**Exception:** Fuel oil and used motor oil used for space heating or water heating.

**Flammable/combustible liquids.**

To manufacture, store, handle flammable / combustible liquids in accordance with Section 105.6.16.

Permit ..... 2.0 hrs

**Exception:**

Fuel oil and used motor oil used for space heating or water heating.

**[F] Flammable/combustible liquids tank, abandon, OTC.**

To abandon an underground or above-ground flammable / combustible liquids tank.

Permit .....2.0 hrs

**[F] Flammable/combustible liquids tank, defuel/pump-out, OTC.**

To defuel or pump-out an underground or above-ground storage tank used for fueling motor vehicles, by any means other than the approved, stationary on-site pumps normally used for dispensing purposes.

Permit.....2.0 hrs

**[F] Flammable /combustible liquid, tank modification, OTC.**

To include change of contents, sump-pump change-out, dispenser change-out, dispenser re-piping, dispenser repair, tank re-lining, tank cutting, tank repair or re-piping, vent pipe relocations, or emergency shutoff switch relocation or repair.

Permit.....2.0 hrs

**Exceptions:** Routine maintenance

**[F] Flammable/combustible liquids tank, place out of service, OTC.**

To place out of service for up to one year an underground or above-ground flammable/combustible liquids tank.

Permit .....2.0 hrs

**[F] Flammable/combustible liquids, tank removal, OTC.**

To remove a flammable/combustible tank. Inerting of the tank is included in removal fee.

Permit.....2.0 hrs

**[F] Flammable/combustible liquids tank, slurry fill, OTC.**

To slurry fill an underground tank.

Permit..... 2.0 hrs

**After hours fees.** After-hours or weekend inspections shall be billed a minimum 3 hours at the hourly rate. Additional time needed to complete the inspection will be billed at the hourly rate.

**Penalty fees.** Permit application and applicable documents shall be submitted within 2 business days of the defuel / pump-out. A penalty fee of \$25 per day shall be assessed for permit applications not submitted 2 business days prior to the defuel / pump-out.

**Floor finishing.**

To use Class I or II liquids for resurfacing operations exceeding 350 square feet (33 m<sup>2</sup>).

Permit ..... 1.0 hr

**Fruit and crop ripening.**

To operate a fruit- or crop-ripening facility or conduct a fruit-ripening process using ethylene gas.

Permit ..... 1.0 hr

**Fumigation and insecticidal fogging.**

To operate a business of fumigation or insecticidal fogging, and to maintain a room, vault or chamber in which a toxic or flammable fumigant is used.

Permit ..... 1.0 hr

**Haunted houses & mazes.**

See Amusement buildings and outdoor assembly event permits.

**Hazardous materials.**

To store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in Table 8107.1.

Permit ..... 2.0 hr

**HPM facilities.**

To store, handle or use hazardous production materials.

Permit ..... 1.0 hr

**High-piled combustible storage.**

To use a building or portion thereof with more than 500 square feet (46 m<sup>2</sup>), including aisles, of high-piled storage.

Permit ..... 1.0 hr

**Hospital and nursing homes.**

An operational permit is required to operate a hospital or nursing home.

Permit ..... 1.0 hr +\$10 per bed

**Hot work operations.**

To conduct cutting and welding operations.

Permit..... 1.0 hr

**Hot work program.**

Where approved, the fire code official shall issue a permit to carry out a hot work program.

Permit..... 2.0 hrs

**Indoor public assembly, special event.**

To conduct a temporary assembly event indoors.

Permit..... 2.0 hrs

**Industrial ovens.**

To operate industrial ovens.

Permit..... 1.0 hr

**Juvenile group home.**

An operational permit is required to operate a juvenile group home.

Permit ..... 1.0 + \$10 per bed

**Lumber yards and woodworking facilities.**

To store or process lumber exceeding 100,000 board feet (8,333 ft<sup>3</sup>) (236 m<sup>3</sup>).

Permit..... 3.0 hr

**Liquid-, gas-fueled or electric vehicles or equipment in buildings.**

To display, or demonstrate liquid, or gas-or fueled vehicles or electric vehicles or equipment in buildings

**Exception:** Auto dealerships and Group R-3.

Permit..... 2.0 hrs

**Liquefied petroleum gas (LP-Gas).**

To store and use of LP-gas.

Permit..... 2.0 hrs

**Exception:**

1. A permit is not required for individual containers with a 500-gallon (1893 L) water capacity or less or multiple container systems having an aggregate quantity not exceeding 500 gallons (1893 L), serving occupancies in Group R-3.
2. Vapor service less than 2,000 gallons (7570 L) water capacity.
3. Operation of cargo tankers that transport LP-gas.

**Magnesium.**

To melt, cast, heat treat or grind more than 10 pounds (4.54 kg) of magnesium.

Permit ..... 1.0 hr

**Medical Facility.**

To operate a medical facility.

Permit ..... 1.0 hr

**Miscellaneous combustible storage.**

To store in any building or on any premises in excess of 2,500 cubic feet (71 m<sup>3</sup>) gross volume of combustible empty packing cases, boxes, barrels or similar containers, combustible pallets, rubber tires, rubber, cork or similar combustible material.

Permit ..... 2.0 hrs

**Mobile food preparation vehicles.**

To operate mobile food preparation vehicles equipped with appliances that produce smoke or grease-laden vapors.

Permit ..... 1.0 hr

**Motor fuel-dispensing facilities.**

To operate automotive, marine and fleet motor fuel-dispensing facilities.

Permit ..... 1.0 hr

**Nursing homes.**

An operational permit is required to operate a nursing home.

Permit ..... 1.0 hr +\$10 per bed

**Open burning.**

To kindling or maintain an open fire or a fire on any public street, alley, road, or other public or private ground.

**Exception:** Recreational fires

Permit ..... 1.0 hr

**Open burning, bonfire.**

To conduct a bonfire.

Permit ..... 1.0 hr

**Open burning, fire performers.**

To conduct a fire performance.

Permit ..... 1.0 hr

**Open flames or candles.**

To use candles or open flames in connection with assembly areas, dining areas of restaurants, or drinking establishments.

Permit ..... 1.0 hr

**Open flames and torches.**

To remove paint with a torch; or to use a torch or open-flame device in a wildfire risk area. ....

Fee ..... 1.0 hr hour.

**Organic coatings.**

For any organic-coating manufacturing operation producing more than 1 gallon (4 L) of an organic coating in one day.

Permit..... 1.0 hr

**Outdoor assembly events.**

To conduct public or private events outdoors, having a projected attendance of ~~1,000~~ 500 or more persons or confining 50 or more persons by temporary installation of fencing.

Permit..... 3.0 hrs

Late fee \$25 per day when submitted less than 10 business days in advance.

**Places of assembly.**

To operate a place of assembly.

Permit..... 1.0 hr

**Plant extraction systems.**

An operational permit is required to use plant extraction systems.

Permit..... 2.0 hrs

**Private fire hydrants.**

An operational permit is required for the removal from service, use or operation of private fire hydrants.

Permit..... 1.0 hr

**Pyrotechnic special effects material**

—See Explosives, fireworks display or pyrotechnic special effects.

**Pyroxylin plastics.**

To store or handle more than 25 pounds (11 kg) of cellulose nitrate (pyroxylin) plastics, and for the assembly or manufacture of articles involving pyroxylin plastics.

Permit..... 1.0 hr

**Refrigeration equipment.**

To operate to operate a mechanical refrigeration unit or system regulated by Chapter 6.

Permit..... 1.0 hr

**Repair garages.**

To operate repair garages.

Permit ..... 1.0 hr

**Rooftop heliports.**

To operate a rooftop heliport.

Permit ..... 1.0 hr

**Semiconductor facility.**

To operate a semiconductor facility.

Permit ..... 1.0 hr

**Spraying, dipping or powder coating operations.**

To conduct a spraying, dipping or powder coating operation utilizing flammable or combustible liquids, or the application of combustible powders.

Permit ..... 2.0 hrs

**Temporary membrane structures and tents.**

To operate an air-supported temporary membrane structure, or a tent having with sidewalls with an area in excess of 800 square feet (74 m<sup>2</sup>), and tents with no walls in excess of 1,200 square feet (111m<sup>2</sup>) aggregate.

First tent ..... 2.0 hrs

Additional tent add ..... 1.0 hr

Late fee \$25 per day when submitted less than 10 business days in advance.

**Tire rebuilding plant.**

To establish, conduct and maintain a tire rebuilding plant.

Permit ..... 3.0 hrs

**Tires, storage.**

To establish, conduct or maintain storage of used, or scrap tires and tire byproducts that exceeds 2,500 cubic feet (71 m) of total volume of scrap tires, and for indoor storage of tires and tire byproducts.

Permit ..... 3.0 hrs

**Vehicle display or demonstration.**

See liquid-, gas-fueled or electric vehicles or equipment in buildings.

**Waste handling or recycling operations, commercial.**

To conduct wrecking yards, junk yards, and waste material-handling facilities, and recycling facilities.

Permit ..... 3.0 hrs

**Wrecking yard, salvage or junkyard operations.**

To operate a wrecking yard, salvage, or junk yard.

Permit..... 3.0 hrs

**Wood products.**

To store chips, hogged material, lumber or plywood in excess of 200 cubic feet (6 m<sup>3</sup>).

Permit..... 3.0 hrs

**SECTION 8103 NEW CONSTRUCTION PERMITS****8103.1 Plan review.**

Construction permits shall begin with the proper scope of work. The base fees shall be paid at the time of submittal. Additional time needed to complete the plan review shall be assessed at the hourly rate for each additional hour or portion thereof. Fees shall be cumulative.

The plan review fee entitles the submitting individual to an initial plan review and one subsequent review (second review), additional fees may apply.

**Exception:** Over-the-counter permits.

**8103.2 Resubmittal.** If a plan cannot be approved after two reviews, it will be denied. The resubmittal fee shall be 0 to 50 percent of the original submittal fee depending on the amount of and nature of the additional review required.

**8103.3 Expedited plan review.** When allowed by the fire code official, a plan review may be expedited. The permit applicant shall pay an additional fee of three hours. Additional time needed to complete will be billed at the hourly rate for each additional hour or portion thereof. Fees shall be cumulative.

**8103.4 Revisions to approved plans.** Revisions that are made to an approved plan that has not been field approved by the fire code official shall require a new submittal.

**8103.5 Modifications, replacement or reprogramming of existing equipment.** A modification, replacement or reprogramming of any existing approved equipment, design or system that is not the exact same model or programming from original equipment or installation shall require a permit.

**8103.5.1 Fire protection system modifications.**

A modification that increases the area protected by a fire protection system by 50 percent, or a fire

alarm control panel replacement shall be considered a new installation. When fees for modifications exceed the fees for new systems, fees for new systems shall apply.

**8103.6 Construction inspections.**

The following construction inspection fees are included in the permit fee. Additional time to complete the inspection will be subject to reinspection fees billed at the hourly rate.

**8103.6.1 After-hours inspections.**

After-hours inspections shall be billed a minimum 3 hrs at the hourly rate. Additional time needed to complete the inspection will be billed at the hourly rate.

**8103.6.2 Reinspection.**

A reinspection fee shall be assessed when:

- 1. A portion of work for which inspection is called is not complete or,
- 2. The contractor or the contractor’s qualified representative does not show up for the inspection or,
- 3. A scheduled inspection is cancelled with less than 24-hour notice; or
- 4. If the competent party is not on-site at the time of inspection or if the required paperwork signed by the competent party is not available or,
- 5. Corrections that were identified during the first inspection are not corrected at the time of the reinspection.

The permit will be locked out and no further fire inspections will be scheduled until a reinspection fee is paid.

Reinspection fees may also be assessed if the permit is not posted or otherwise available on the work site, the approved plans are not readily available to the inspector, for failure to provide access on the date for which inspection is requested, or for deviating from plans requiring the approval of the *fire code official*. Each reinspection will be assessed this fee.

**8103.7 Construction permit time extensions.**

Extensions of time shall be assessed 50 percent of the current fee.

**8103.8 Construction permit reinstate after expiration.**

Construction permits shall automatically become invalid in accordance with Section 105.3.1 unless the work authorized by such permit is commenced within 180 days. Reinstatement after expiration shall be assessed 50 percent of the amount of work remaining.

**8103.9 Work without a permit.** Work commencing without the applicable Fire Prevention permit is strictly prohibited.

Where required by the *fire code official* a penalty equal to 300 percent of the total cost of the required plan review, permit and inspection fees shall apply.

**8103.10 Automatic Sprinkler Systems**

**[F&P] NFPA 13 & 13R sprinkler system.**

To install or modify a NFPA 13 automatic sprinkler system. Plan review is for the first 40,000 square feet (3716 m<sup>2</sup>) of one building with 1 -- 2 calculations, up to 3 stories above or below grade.

Plan Review .....	2.5 hrs
Each additional 40,000 sq ft (3716 m <sup>2</sup> ) add .....	1.0 hr
Additional calculations/design areas .....	1.0 hr
Water tank add .....	1.0 hr
High challenge commodity above Group A plastic being stored add .....	4.0 hrs
Standpipe add .....	2.5 hrs
Inspection .....	2.0 hrs
Each additional 40,000 square feet (3716 m <sup>2</sup> ) in the same building add .....	1.0 hr
Inspection of high challenge commodity	2.0 hrs
Plan review modification 21-200 heads .....	2.0 hrs
Plan review modification of each additional 200 heads .....	2.0 hrs
Inspection 21-200 heads .....	2.5 hrs
Inspection of each additional 200 heads ..	2.5 hrs
Inspection.....	2.5 hrs

**[F&P] Additional buildings.**

Each additional building using the same fire protection design plan shall be charged a separate inspection fee.

Each additional building .....	1.0 hr
Inspection.....	2.0 hrs
Inspection per valve.....	0.5 hr

To plan review and permit is required for each high challenge commodity being stored.

**Exception:** Group-A plastics.

Plan Review add..... 4.0 hrs  
Inspection ..... 2.0 hrs

**[F&P] In-rack system.**

To install or modify an in-rack sprinkler system.

Plan Review add..... 2.0 hrs  
Inspection ..... 1.0 hr

**[F&P] NFPA 13 or 13R modification, OTC.**

To change 1- 20 heads, without change of supply pipe or hazard.

Plan Review without hard lid ..... 1.5 hrs  
With hard lid add..... 1.0 hr  
Flex heads\* add..... 1.0 hr

\*Flex heads, applicable when the equivalent length of the flex head used is 28 feet (8534 mm) or less or the facility is going from a higher hazard density to light hazard or has a fire pump. Without these contingencies the system shall be hydraulically calculated and submitted as plan review.

**[F&P] NFPA 13 or 13R modification.**

To change more than 20 heads requires a plan review.

**[F&P] Modification – without change of heads.**

To modify a system that does not include a change or addition of sprinkler heads including, but are not limited to:

1. Adding reinforcing mains to an existing system in order to increase the available delivered density.
2. Rerouting piping to accommodate other building changes, such as duct or structural elements.
3. Changing the size of the system riser to increase delivered density.

Plan Review..... 2.0 hrs  
Inspection ..... 2.0 hrs

**[F&P] 13D required system.**

To install or modify a NFPA 13D automatic sprinkler system.

Plan Review ..... 2.0 hrs  
Additional calculations/design areas .... 1.0 hr  
Water tank add ..... 1.0 hr  
Inspection ..... 2.0 hrs  
Modification ..... 1.0 hr

**[F&P] 13D voluntarily installed system.**

To review a voluntarily installed residential sprinkler system.

Plan Review ..... 1.0 hr  
Water tank add..... 1.0 hr  
Inspection..... 1.0 hr  
Modification ..... 1.0 hr

**[F&P] 13D standard plot plans.**

To request a permit using a previously approved plan.

Plan Review (initial review) ..... 1.0 hr  
Review using previously approved plan 1.0 hr  
Inspection..... 2.0 hrs

**[F&P] Fire pump and related equipment.**

To install or modify fire pumps and related fuel tanks, jockey pumps, controllers and generators.

**Note:** Diesel fire pumps require a separate tank permit, see Section 8129.

Plan Review ..... 4.0 hrs  
Inspection..... 4.0 hrs  
Modification ..... 2.5 hrs  
Inspection..... 2.5 hrs

**[P] Non-water-based extinguishing systems.**

To install or modify install a non-water based automatic extinguishing system including but not limited to, Halon, dry chemical, carbon dioxide, FM200.

Plan Review ..... 2.5hrs  
Modification ..... 2.0 hrs  
Inspection..... 2.5 hrs

**[F&P] Pre-action system.**

To install or modify a pre-action system -- Does not include any detection or fire alarm equipment.

Plan Review ..... 2.5 hrs  
Modification ..... 2.0 hrs  
Inspection..... 2.5 hrs

**[F&P] Pressure-reducing valves.**

To install each model of pressure-reducing valve (PRV).

Plan Review add ..... 0.5 hr  
Inspection per valve..... 0.5 hr

**[F&P] Water-based extinguishing system.**

To install or modify a water-based extinguishing system that does not include detection or fire alarm equipment.

Plan Review ..... 4.0 hrs  
Modification ..... 2.0 hrs

Inspection ..... 2.0 hrs

## 8103.13 Fire Alarm Systems

### [P] Fire alarm system.

To install or modify a fire alarm and detection systems and related equipment per building for evacuation alarm.

Plan Review first 40,000 square feet 2.5 hrs  
Each additional 40,000 square feet add 2.0 hrs  
Additional buildings w/ monitoring only  
..... add 1.0 hr  
Inspection for monitoring only ..... 1.0 hr  
Modification ..... 2.0 hrs

Inspection first 40,000 square feet ..... 2.5 hrs  
Each add'l 40,000 square feet add..... 2.5 hrs

### [P] Fire alarm modification OTC.

To modify an existing fire alarm system first 1-5 devices.

Permit ..... 2.0 hrs

### [P] Fire alarm, special egress control device tie-in.

To tie-in each floor to fire alarm panel only.

Plan Review..... 2.0 hrs  
Inspection ..... 1.0 hr

### [P] Fire alarm modification w/plan review.

To modify an existing fire alarm system.

Plan Review.....First 1-10 devices 2.0 hrs  
Each additional 25 devices ..... 1.0 hr

### [P] Fire alarm, panel replacement.

To calculate fees, use the fee schedule for new fire alarm installations. When the fire alarm control panel fails, the entire panel shall be replaced and installed in accordance with Section 907.5.

Where required, a separate permit shall be obtained for supervisory off-premise fire alarm transmitters.

**Note:** Alarm panel replacement does not require complete system upgrade, if all common spaces are upgraded to minimum code requirements for, audibility and visibility compliance throughout and adaptability in all living spaces.

### [P] Supervising station alarm systems.

To install or modify a fire alarm communication terminal transmitting supervisory signals between the protected premises and a continuously attended supervising station facility.

Plan Review..... 2.0 hrs

Modification ..... 1.0 hr  
Inspection per 4 risers ..... 1.5 hrs

### [P] Supervising station alarm systems, OTC.

To install, reprogram or change monitoring.

Includes a maximum of 8 devices being supervised.

Inspection..... 2.0 hrs

### [P] Detection devices.

To install or modify 1-10 flame detection, beam detection, smoke and heat detectors or duct detectors devices.

Plan Review add ..... 1.0 hr  
Each additional 1-10 devices add ..... 1.0 hr  
Inspection..... 2.0 hrs

### [P] Smoke detection throughout.

To install or modify smoke area detection throughout based on square footage.

Base rate plus additional 50 percent.

## 8103.14 Other Construction Permits

### [P] Access.

To install premises identification, fire lane marking, identification of fire protection equipment, and stairwell identification.

Plan Review ..... 2.0 hrs  
Modification ..... 1.0 hr  
Inspection..... 2.0 hrs  
Each additional building ..... 0.5

### [P] Address directories.

To install or modify address directories.

Plan Review ..... 1.0 hr  
Inspection..... 0.5

### [P] Automatic hoods.

To install an automatic extinguishing hood. Systems shall be charged per manual pull.

**Note:** When required, the connection to the building fire alarm or monitoring system will be charged as a separate fire alarm system fee.

Plan Review ..... 2.0 hrs  
Inspection ..... 1.5  
Plan Review Modification ..... 1.0 hr  
Inspection ..... 1.5

### [F] Battery systems, electrical energy storage systems to include lithium ion battery systems.

To install or modify electrical energy storage systems as regulated by Section 1206.2 and 1206.4

Plan Review..... 2.0 hrs  
 Modification Permit ..... 1.0 hr  
 Inspection ..... 1.0 hr

**Battery systems, electrical energy storage systems to include lithium ion battery systems, OTC.**

To install electrical energy storage systems regulated by Section 1206.4 with a capacity of more than 3 kWh to 20 kWh in an R-3 or R-4 occupancy.

Permit..... 2.0 hrs

**[F] Capacitor energy storage system.**

To install a capacitor energy storage system in excess of 3 kWh in accordance with Section 1206.3.

Plan Review..... 2.0 hrs  
 Modification..... 1.0 hr  
 Inspection ..... 1.0 hr

**[F] Carbon dioxide compressed gas systems, liquefied.**

To install or modify a liquefied carbon dioxide compressed gas system (beverage dispensing, etc.).

Plan Review ..... 3.0 hrs  
 Modification..... 2.0 hrs  
 Inspection ..... 2.0 hrs

New systems with CofO ..... 3.0 hrs  
 this will be P&D.

**[F] Carbon dioxide compressed gas systems, high pressure.**

To install or modify a high-pressure carbon dioxide compressed gas system (beverage dispensing, etc.).

Plan Review ..... 3.0 hrs  
 Modification..... 2.0 hrs  
 Inspection ..... 2.0 hrs

**[F] Combustible dust or fiber collection system.**

To install, modify or alter combustible dust or fiber collection system.

Plan Review..... 2.0 hrs  
 Modification..... 1.5 hr  
 Inspection ..... 1.0 hr

**[F] Compressed gas.**

To install or modify a compressed gas system.

Plan Review..... 3.0 hrs  
 Modification..... 2.0 hrs  
 Inspection ..... 2.0 hrs  
 Additional gas system ..... 1.0 hr

**Note:** Fee includes all systems and tanks installed at one site provided plans are submitted and inspections

are conducted concurrently. Each gas constitutes a separate system.

**[F] Compressed gas, medical.**

To install or modify a compressed gas system.

Plan Review..... 2.0 hrs  
 Modification ..... 1.0 hr  
 Inspection..... 1.0 hr

**[F] Cryogenics fluid systems.**

For installation of or alteration to outdoor stationary cryogenic fluid storage systems where the system capacity exceeds the amounts listed in Table 105.6.10.

Plan Review ..... 3.0 hrs  
 Modification ..... 2.0 hrs  
 Inspection..... 2.0 hrs

**[F] Emergency responder radio systems.**

To install or modify an emergency responder radio coverage systems and related equipment.

Plan Review ..... 2.0 hrs  
 Modification ..... 2.0 hrs  
 Inspection..... 4.0 hrs

**[F] Fire apparatus alternative surface access road.**

To install or modify alternative surface fire apparatus access roads (fire lane).

Plan Review ..... 2.0 hrs  
 Modification ..... 1.0 hr  
 Inspection..... 1.0 hr

**[F] Firefighter breathing air systems.**

To install or modify a firefighter breathing air system.

Plan Review ..... 2.0 hrs  
 Modification ..... 1.0 hr  
 Inspection..... 6.0 hrs  
 Modification Inspection..... 3.0 hrs

**[F] Fire protection system removal.**

To permanently remove any fire protection system. Permit is not required for removal when a permit has been issued for installation of replacement system, or entire building is being demolished.

Plan Review ..... 1.0 hrs  
 Inspection..... 1.0 hr

**[F] Flammable/combustible liquids, aboveground tank.**

To temporarily or permanently install or modify Class I, II, IIIA or IIIB flammable/combustible liquids storage tank or pressure vessel with:

1. A nominal capacity of 125 gallons (473 L) outside a building, or
2. Any size tank inside a building, or
3. Class IIIB liquids with a nominal capacity of 1,000 gallons (3785 L) or more.

Includes tanks in vaults and any required piping, valves and dispensing equipment.

Plan Review.....	4.0 hrs
Modification.....	2.5 hrs
Inspection .....	2.0 hrs

With fixed fire protection

Plan Review.....	8.0 hrs
Inspection .....	4.0 hrs

**[F] Flammable /combustible liquid, underground tanks.**

To temporarily or permanently install or modify a flammable/combustible liquids tank or pressure vessel underground and any required piping, valves and dispensing equipment.

Plan Review.....	4.0 hrs
Modification.....	2.5 hrs
Inspection .....	2.0 hrs

Modification.....	2.5 hrs
Inspection .....	2.0 hrs

This shall include all flammable/combustible liquids tanks and required piping, valves and dispensing equipment. Tank may be above-ground or underground type.

**After hrs fees.** After-hrs or weekend inspections shall be billed a minimum 3 hours at the hourly rate. Additional time needed to complete the inspection will be billed at the hourly rate.

**[F] Flammable/combustible liquids, facility construction.**

To install or modify refineries, distilleries, plants, terminals, wells, equipment and similar facilities where flammable/ combustible liquids are produced, processed, transported, stored, dispensed or used.

Plan Review.....	4.0 hrs
Modification.....	2.5 hrs
Inspection .....	2.0 hrs

**[F] Flammable/combustible liquids, pipelines.**

To install or modify a pipeline for the transportation of flammable or combustible liquids.

Plan Review.....	4.0 hrs
Modification .....	2.5 hrs
Inspection.....	2.0 hrs

**[F] Fuel cell power systems.**

To install stationary fuel cell power systems in accordance 1205.2.

Plan Review.....	2.0
Modifications.....	1.0
Inspection.....	1.0

**[F] Gas detection systems.**

To install or modify a gas detection system.

Plan Review .....	2.0 hrs
Inspection .....	2.0 hrs
Modification .....	1.0 hr
Mod. Inspection .....	1.0 hr

**[P] Gates and barricades across fire apparatus access roads.**

To install or modify automatic fire apparatus access gates and their appurtenances or barricade across a fire apparatus access road. This also includes gates for auxiliary access openings, fee is per gate.

**Automatic gate:**

Plan Review.....	1.5
Inspection.....	1.5
Each additional gate.....	1.0 hr

**Manual gate:**

Plan Review.....	1.0 hr
Inspection.....	1.0 hr
Each additional gate.....	0.5 hr

**[F] Hazardous materials tank, abandon, remove, or close, OTC.**

To abandon, remove or close a hazardous materials tank.

Permit .....	2.0 hrs
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**[F] Hazardous materials tank, place out of service OTC.**

To close, or place temporarily out of service, for up to one year, a hazardous materials tank.

**[F] Hazardous materials tank, temporarily close, OTC.**

To temporarily close hazardous materials tank, up to one year.

Permit.....	2.0 hrs
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**[F] Hazardous materials tank, cabinet & enclosure install or modify.**

To install or modify a hazardous materials storage tank, cabinet, enclosure, gas rooms or drainage and containment areas. This permit includes all hazardous materials container and tanks, required piping, valves and dispensing equipment.

Plan Review..... 4.0 hrs  
Inspection ..... 3.0 hrs  
Modification ..... 2.0 hrs  
Modification Inspection ..... 1.0 hr

**[F] Heliport.**

To install or modify install a heliport.

Plan Review..... 3.0 hrs  
Inspection ..... 2.0 hrs

**[F] High-piled combustible storage.**

To install or modify a structure exceeding 500 square feet (46 m<sup>2</sup>), including aisles, for high-piled combustible storage.

Plan Review..... 4.0 hrs  
Inspection ..... 2.0 hrs  
Modification ..... 2.0 hrs  
Modification Inspection ..... 2.0 hrs

Rack evaluation, see 8103.11 Automatic sprinkler system permits.

**[F] Hydrant, private water flow test, OTC.**

Water flow tests on private hydrants, to be use in the design of fire protection systems, shall be witnessed by the Phoenix Fire Department. This fee includes one inspection only.

Permit ..... 3.0 hrs

**[F] Hydrants, temporary.**

To install a temporary above-ground fire hydrant and up to 500 feet (152 m) of fire line.

Plan Review..... 3.0 hrs  
Inspection per hydrant or 500 ft of fire line  
..... 1.0 hr

**[F] Industrial oven.**

To install or modify an industrial oven.

Plan Review..... 2.0 hrs  
Inspection ..... 1.0 hr

**[F] Liquefied petroleum gas, OTC.**

To install or modify install, alter or modify portable containers of less than 125-gallon (473 L) aggregate

water capacity used exclusively for vapor service, or any size tank used for liquid service.

Permit..... 1.0 hr

**[F] Liquefied petroleum gas, flare off, OTC.**

To flare-off a liquefied petroleum tank 125-gallon (473 L) or greater aggregate water capacity.

Permit..... 2.0 hrs

**[F] Liquefied petroleum gas, 2,000 gallons.**

To install, modify or alter of LP-gas containers with an aggregate water capacity of 2,000 gallons (7570 L) or more.

Plan Review ..... 4.0 hrs  
Systems with fixed fire protection equipment  
Add ..... 4.0 hrs  
Modification ..... 2.0 hrs  
Inspection..... 2.0 hrs

**[F] Liquefied petroleum gas, under or above ground.**

To install or modify install a liquefied petroleum gas (LPG), tank under or above ground 126 gallons to 1999 gallons aggregate water capacity.

Plan Review ..... 2.0 hrs  
Modification ..... 1.5  
Systems with fixed fire protection add 4.0 hrs  
Inspection ..... 1.0 hr

**[F] Liquefied petroleum gas, exchange program.**

To install, modify, relocate or alter racks storing 20-pound (9 kg) cylinders for the purpose of conducting an LP-gas exchange program at each site.

Plan Review ..... 1.0 hr  
Modification ..... 1.0 hr

**[P] Motor vehicle repair rooms and booths.**

A construction permit is required to install or modify a motor vehicle repair room or booth.

Plan Review ..... 2.0 hrs  
Modification ..... 1.0 hr  
Inspection ..... 1.0 hr

**[F] Plant extraction systems.**

To install or modify a plant extraction system.

Plan Review ..... 4.0 hrs  
Modification ..... 2.0 hrs  
Inspection ..... 3.0 hrs

**[F] Refrigeration system.**

To install, modify or alter a refrigeration system.

Plan Review F235..... 4.0 hrs

Modification F236..... 2.0 hrs  
 Inspection ..... 4.0 hrs

**[P] Smoke control or smoke exhaust.**

To install or modify install a smoke control or smoke exhaust system.

Plan Review ..... 4.0 hrs  
 Modification ..... 2.0 hrs  
 Inspection ..... 6.0 hrs

**[P] Smoke & heat vents.**

To install or modify smoke and heat vents. Modification requires new plan submittal.

Plan Review first 1—40 vents  
 Permit F110 ..... 2.0 hrs  
 Each additional 1—40 vents ..... 1.0 hr  
 Inspection first 1—40 vents ..... 2.5 hrs  
 Inspect each additional 1—40 vents..... 1.0 hr

**[F] Smoke removal systems.**

A construction permit is required to install, alter or modify a mechanical smoke removal system.

Plan Review..... 4.0 hrs  
 Modification ..... 2.0 hrs  
 Inspection ..... 6.0 hrs

**[F] Solar photovoltaic power systems.**

To install or modify install a solar photovoltaic power system.

Residential Plan Review..... 2.0 hrs  
 Inspection ..... 1.0 hrs

Commercial Plan Review ..... 2.5 hrs  
 Inspection ..... 1.5 hrs

**[F] Solar photovoltaic power systems, OTC.**

To install or modify install a residential solar photovoltaic power system with an alternating current nameplate rating of 3 kW to 10 kW in an R-3 or R-4 occupancy or the installation of a residential solar photovoltaic system for a water heater with a system size of 30kWth (462 square feet (49.9 M<sup>2</sup>) of collector) or less in an R-3 or R-4 occupancy.

Permit ..... 2.0 hrs

**[F] Spraying, dipping or powder coating, construction.**

To install or modify install a spray booth, spray room, spray area, dip tank, or powder coating booth, room or area.

**Note:** Fee includes the fire protection system if submitted with the spray booth, spray room or spray area plan.

Plan Review ..... 4.0 hrs  
 Modification ..... 2.0 hrs  
 Inspection..... 2.0 hrs

**[F&P] Standpipe outlets.**

To install or modify install standpipe system (not part of a sprinkler system).

Plan Review ..... 2.0 hrs  
 Each additional floor level outlet..... 1.0 hr  
 Inspection..... 2.5 hrs

**Note:** Any requirement for a new riser, main or branch-line piping shall be considered a new installation.

**[P] Stub-out, water supply (fire line), underground or hydrant relocation, OTC.**

**Note:** Stub-outs which are installed and tested as part of the underground fire line are included in the fire protection system lead-in. When permitted separately from the building's underground fire line, a separate over-the-counter permit is required for each stub-out, including hydrant movement up to 20 feet.

Stub-outs shall not extend more than 10 feet (3048 mm) from outside the building to 6 inches (150 mm) above the finished floor and contain not more than one 90° (1.57 rad) bend.

Permit..... 2.0 hrs

**[P] Water supply (fire line), underground or hydrant, or private hydrant.**

To install or modify install underground fire lines which serve fire protection systems or hydrants or any combination thereof, includes:

Modifications include moving pipelines or relocating taps or changes to 1 - 4 connections.

Plan Review ..... 3.0 hrs  
 Inspection..... 1.0 hr

Modification ..... 1.5 hrs  
 Inspection..... 2.0 hrs

Each additional 1-4 connections.

Plan Review ..... 1.0 hr  
 Inspection per tap add ..... 0.5 hr

## SECTION 8104 ASSESSMENT FEES

### 8104.1 Agro-industrial, solid biomass facilities and pallet yard assessment fees.

Facilities that store, use, or handle agro-industrial product or pallets represent a special hazard as determined by the fire code official and shall be levied annual assessment fees based on the aggregate quantity of materials.

Agro-industrial, solid biomass facilities and pallet yards storing in excess of 3,000 square feet (278 square meters) shall be assessed annual assessment fees.

Outside storage of 3,000 square feet (278 square meters) or less	\$0
Outside storage of 3001 to 15000 square feet (278 to 1393 M <sup>2</sup> )	\$400
Outside storage of 15,001 to 30,000 square feet (1393 to 2787 M <sup>2</sup> )	\$800
Outside storage of 30,001 square feet (2787 M <sup>2</sup> ) or more	\$1250

### 8104.2 Hazardous materials annual assessment fee.

Facilities that store, use, dispense or handle hazardous materials shall be charged an annual assessment fee based on the aggregate quantity of materials or substances. Fees will be calculated on Table 8107.1 Hazardous Materials Assessment Classifications and Table 8107.2 Stationary aboveground storage tanks Group 5 Facilities.

### 8104.3 Area assessment fee.

Facilities more than 250,000 square feet (23 225 m<sup>2</sup>), shall be assessed an additional fee calculated on the total area of the site. The assessment fee shall be calculated in intervals of 250,000 square feet (23 225 m<sup>2</sup>).

### 8104.4 Special hazards.

Facilities represent special hazard as determined by the *fire code official* shall be assessed an area assessment fee in accordance with Table 8107.1.

## SECTION 8105 MISCELLANEOUS FEES

### 8105.1 Appeals to the Fire Marshal.

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An appeal form must be filled out in its entirety and accompanied by payment before an appointment will be made for an appeal to the Fire Marshal.

Permit.....\$250

### 8105.2 Appeals to the Fire Safety Advisory Board.

An Appeal to the Fire Safety Advisory Board must be made within 30 days of denial of an Appeal to the Fire code official must have been submitted and denied before an appeal to the Fire Safety Advisory Board can be requested.

Single-family Residential .....\$50

Commercial .....\$50

### 8105.3 Competent party certificate.

A Competent party certificate shall be required by the fire code official for persons who supervise the on-site installation, modification, alteration, addition to, testing, repairing or servicing any fire alarm system, sprinkler system, standpipe system, fire main, fire pump or any other fire-extinguishing or detection system, device or appliance.

A passing grade from the assessment authority designated by the fire code official or manufacturer's certification is required to obtain a competent party certificate. The competent party shall remain on-site and carry the card during installation, modifications, maintenance and testing performed on fire protection systems.

### 8105.4 Engineering interpretation.

A party may obtain an engineering interpretation of a code section. Submit the engineering interpretation request form and \$250 payment.

Permit.....\$250

### 8105.5 General fire inspection.

A general inspection may be requested and conducted for a fee.

Permit ..... 1.0 hr

Additional inspections will be charged  
reinspection fees.

### 8105.6 Fire watch fees.

When fire department personnel are required by this code to stand fire watch, the individual required for providing such service shall pay a 3-hour minimum fee. Additional time needed to will be billed at the hourly rate, per person.

#### **8105.7 Investigations fee.**

When the *fire code official* determines that construction was started or completed without the applicable Fire Prevention permit and the required fees were not paid, an additional fee equal to 300 percent of the cost of the required construction permit and inspection fees shall be assessed for the work.

#### **8105.8 Life safety report.**

A life safety report review shall be assessed a minimum of 6-hrs plan review time. Additional review time shall be assessed at the base rate.

#### **8105.9 Maintenance correction inspections.**

Inspections to ensure repairs have been completed as a result of deficiency reports shall be assessed at the hourly rate, for a minimum of 1 hour.

#### **8105.10 Records requests.**

A records request fee of \$29 shall be assessed for each address researched, plus \$0.24 per page copy fee in accordance with the City-Wide copy fee.

#### **8105.11 Special event late fees.**

A late fee of \$25 per day shall be assessed for permit applications submitted less than 10 business days in advance.

#### **8105.12 Standby personnel.**

The individual responsible for the event shall pay a 3-hour minimum fee. Additional time needed to will be billed at the hourly rate, per person.

#### **8105.13 Technical report review fee.**

A technical report review, or other test used as the basis of fire design shall be assessed a minimum of 5-hrs of plan review time. Additional review time shall be assessed at the base rate.

### **SECTION 8106 ASSESSMENT FEES**

#### **8106.1 Hazardous materials classification assessment fee table.**

Assessments will be based on the highest hazard. Group H occupancies shall be classified as fee Group 3.

#### **8106.2 Area assessment fee.**

Facilities and sites with total areas of more than 250,000 square feet (23 225 square meters) shall be levied an area assessment fee in addition to their annual assessment fee. See Table 8106.2.

#### **8106.3 Stationary aboveground storage tank assessment fees.**

Stationary aboveground storage tanks Group 5 Facilities.

A Group 5 facility is any:

Business, factory, institutional, storage or hazardous occupancy that also has storage of hazardous materials in stationary above-ground storage tanks, stationary cryogenic tanks or stationary pressure vessels having a capacity of greater than 60 gallons (227 L), or compressed gas cylinder or dewars greater than 40 gallons (151 L).

- Every tank of a specific hazard class of chemical shall be assessed a fee.
- Tanks that are connected as part of a system will be individually assessed a fee.

The first tank will be assessed \$550 per year. Each additional tank, add \$125.

Group 5 facilities will be assessed an annual fee based on the number of tanks.

This assessment fee shall include tanks storing hazardous wastes.

**Exception:** Tanks used as part of a hazardous waste treatment system.

LP gas in portable containers or stationary tanks shall be assigned a fee group based on the aggregate quantity exceeding 2,000 gallons (7570 L) water capacity (WC).

**Exceptions:**

Stationary pressure vessels containing LP gas are not assigned a fee group.

There is no Group 5 fee for above-ground storage tanks containing Class III-B combustible liquids or waste oil.

**Table 8106.1 Hazardous Materials Assessment Classifications<sup>a, b</sup>**

<b>HAZARDOUS MATERIAL</b>	<b>FEE GROUP 1 \$400 ANNUALLY</b>	<b>FEE GROUP 2 \$800 ANNUALLY</b>	<b>FEE GROUP 3 \$1250 ANNUALLY</b>
Aerosols—Level 2 and 3	500 – 2,500 lbs.	2,501 – 12,000 lbs.	> 12,000 lbs.
Combustible Liquids—Class II	60 – 120 gallons	121 – 480 gallons	> 480 gallons
Combustible Liquids—Class III-A	60 – 330 gallons	331 – 1,320 gallons	> 1,320 gallons
Compressed Gas—Corrosive	200 – 810 ft <sup>3</sup>	811 – 3,240 ft <sup>3</sup>	> 3,240 ft <sup>3</sup>
Compressed Gas—Flammable (except cryogenic fluids and LPG)	200 – 750 ft <sup>3</sup>	751 – 3,000 ft <sup>3</sup>	> 3,000 ft <sup>3</sup>
Compressed Gas—Highly toxic	Up to 20 ft <sup>3</sup>	21 – 80 ft <sup>3</sup>	> 80 ft <sup>3</sup>
Compressed Gas—Liquefied Compressed Gas Inert and simple	60 – 120 gallons	121 – 240 gallons	> 240 gallons
Compressed Gas— Inert and simple asphyxiant	6,000 – 12,000 ft <sup>3</sup>	12,001 – 24,000 ft <sup>3</sup>	> 24,000 ft <sup>3</sup>
Compressed Gas—Oxidizing (including oxygen)	504 – 1,500 ft <sup>3</sup>	1,501 – 6,000 ft <sup>3</sup>	> 6,000 ft <sup>3</sup>
Compressed Gas—Pyrophoric	Up to 20 ft <sup>3</sup>	21 – 80 ft <sup>3</sup>	> 80 ft <sup>3</sup>
Compressed Gas—Toxic	Up to 810 ft <sup>3</sup>	811 – 3,240 ft <sup>3</sup>	> 3,240 ft <sup>3</sup>
Cryogenics—Flammable (see Fee Group 5)	60 – 500 gallons (outdoors)	> 500 gallons (outdoors)	Not Applicable
Cryogenics—Inert	> 1 gallon (indoors) > 60 – 120 gallons (indoors) 500 – 1,000 gallons (outdoors)	> 120 gallons (indoors) > 1,000 gallons (outdoors)	Not Applicable
Cryogenics—Oxidizing (includes oxygen)	11 – 50 gallons (indoors) 51 – 500 gallons (outdoors)	> 50 gallons (indoors) > 500 gallons (outdoors)	Not Applicable
Cryogenics—Physical or health hazard not indicated above	11 – 50 gallons (indoors) 51 – 500 gallons (outdoors)	> 50 gallons (indoors) > 500 gallons (outdoors)	Not Applicable
<b>Corrosive materials</b>			
Gases (not defined as a compressed	200 – 810 ft <sup>3</sup>	811 – 3,240 ft <sup>3</sup>	> 3,240 ft <sup>3</sup>
Liquids	55 – 500 gallons	501 – 2,000 gallons	> 2,000 gallons
Solids	1,000 – 2,000 lbs.	2,001 – 4,000 lbs.	> 4,000 lbs.
<b>Explosive materials</b>			
Consumer fireworks warehouse	> 1,000 lbs. (gross weight)	Not Applicable	Not Applicable
Explosive materials	1 – 2 lbs.	3 – 4 lbs.	> 4 lbs.
<b>Flammable materials</b>			
Gases (not defined as a compressed	200 – 750 ft <sup>3</sup>	751 – 3,000 ft <sup>3</sup>	> 3000 ft <sup>3</sup>
Liquids—Flammable Class I-A	10 – 30 gallons	31 – 120 gallons	> 120 gallons
Liquids—Flammable Class I-B	30 – 60 gallons	61 – 240 gallons	> 240 gallons
Liquids—Flammable Class I-C	30 – 90 gallons	91 – 360 gallons	> 360 gallons
Solids	100 – 125 lbs.	126 – 500 lbs.	> 500 lbs.
<b>Highly toxic materials</b>			
Gases (not defined as a compressed	1 – 20 ft <sup>3</sup>	21 – 80 ft <sup>3</sup>	> 80 ft <sup>3</sup>
Liquids	Up to 1 gallon	1 – 4 gallons	> 4 gallons
<b>Oxidizing gases</b>			

Gases (not defined as a compressed	504 – 1,500 ft <sup>3</sup>	1,501 – 6,000 ft <sup>3</sup>	> 6,000 ft <sup>3</sup>
<b>Oxidizing Materials - Liquids</b>			
Class 4	Up to ½ gallon	½ – 1 gallon	> 1 gallon
Class 3	1 – 4 gallons	5 – 16 gallons	> 16 gallons
Class 2	10 – 25 gallons	26 – 400 gallons	> 400 gallons
Class 1	55 – 800 gallons	801 – 6,400 gallons	> 6,400 gallons
<b>Oxidizing Materials - Solids</b>			
Class 4	1 – 2 lbs.	3 – 8 lbs.	> 8 lbs.
Class 3	10 – 40 lbs.	41 – 160 lbs.	> 160 lbs.
Class 2	10 – 250 lbs.	251 – 4,000 lbs.	> 4,000 lbs.
Class 1	500 – 8,000 lbs.	8,001 – 64,000 lbs.	> 64,000 lbs.
<b>Organic Peroxides—Liquids</b>			
Class I	Up to ½ gallon	½ – 4 gallons	> 4 gallons
Class II	Up to 5 gallons	5 – 40 gallons	> 40 gallons
Class III	1 – 10 gallons	11 – 100 gallons	> 100 gallons
Class IV	2 – 20 gallons	21 – 200 gallons	> 200 gallons
Class V	Not Applicable	Not Applicable	Not Applicable
<b>Organic Peroxides—Solids</b>			
Class I	1 – 5 lbs.	6 – 40 lbs.	> 40 lbs.
Class II	1 – 50 lbs.	51 – 400 lbs.	> 400 lbs.
Class III	10 – 100 lbs.	101 – 1,000 lbs.	> 1,000 lbs.
Class IV	20 – 200 lbs.	201 – 2,000 lbs.	> 2,000 lbs.
Class V	Not Applicable	Not Applicable	Not Applicable
<b>Pyrophoric materials</b>			
Gases	1–50 ft <sup>3</sup>	51–100 ft <sup>3</sup>	> 100 ft <sup>3</sup>
Liquids	Up to ½ gallon	½ – 1 gallon	> 1 gallon
Solids	1 – 4 lbs.	5 – 16 lbs.	> 16 lbs.
<b>Toxic materials</b>			
Gases	1 – 810 ft <sup>3</sup>	811 – 3,240 ft <sup>3</sup>	> 3,240 ft <sup>3</sup>
Liquids	10 – 50 gallons	51 – 200 gallons	> 200 gallons
Solids	100 – 500 lbs.	501 – 2,000 lbs.	> 2,000 lbs.
<b>Unstable (reactive) materials—Liquids</b>			
Class 4	Up to ½ gallon	½ – 1 gallon	> 1 gallon
Class 3	Up to ½ gallon	½ – 1 gallon	> 1 gallon
Class 2	5–10 gallons	11 – 20 gallons	> 20 gallons
Class 1	10–50 gallons	51 – 200 gallons	> 200 gallons
<b>Unstable (reactive) materials—Solids</b>			
Class 4	Up to 1 lb.	1 – 4 lbs.	> 4 lbs.
Class 3	Up to 5 lbs.	5 – 10 lbs.	> 10 lbs.
Class 2	50 – 100 lbs.	101 – 200 lbs.	> 200 lbs.
Class 1	100 – 500 lbs.	510 – 2000 lbs.	> 2000 lbs.
<b>Water-reactive materials—Liquids</b>			
Class 3	Up to ½ gallon	½ – 1 gallon	> 1 gallon

Class 2	5–10 gallons	11– 20 gallons	> 20 gallons
Class 1	55–200 gallons	201– 1,000 gallons	> 1,000 gallons
<b>Water-reactive materials—Solids</b>			
Class 3	Up to 5 lbs.	5 – 10 lbs.	> 10 lbs.
Class 2	50 – 100 lbs.	101 – 200 lbs.	> 200 lbs.
Class 1	500–2,000 lbs.	2,001 – 4,000 lbs.	> 4,000 lbs.

A. Assessments will be based on the highest quantity of the most hazardous materials on site.

B. Group H occupancies shall be classified as Fee Group 3.

## Fee Group 4

Group M occupancies that store flammable or combustible liquids in quantities that are greater than the amounts in Table 5003.1.1(1) and less than or equal to the allowable quantities in Table 5704.3.4.1 shall be assessed an annual fee of \$800.

Group M occupancies that store hazardous materials in quantities that are greater than the amounts in Tables 5003.1.1(1) and 5003.1.1(2) and less than or equal to the allowable quantities in Table 5003.11.1 shall be assessed an annual fee of \$800.

Group M occupancies with more than 2,500 square feet (232 square meters) of high-piled combustible storage and that store flammable or combustible liquids in quantities that are greater than the amounts in Table 5003.1.1(1) and less than or equal to the allowable amounts in Table 5704.3.4.1 shall be assessed an annual fee of \$1650.

Group M occupancies with more than 2,500 square feet (232 square meters) of high-piled combustible storage and that store hazardous materials in quantities that are greater than the amounts in Tables 5003.1.1(1) and 5003.1.1(2) and less than or equal to the allowable amounts in Table 5003.11.1 shall be assessed an annual fee of \$1650.

**Table 8106.2 Area Assessment Fees**  
(Applies to Fee Groups 1, 2 or 3 only)

Building area (ft <sup>2</sup> )	Site area (acres)	Area assessment fee by fee group		
		Fee Group 1	Fee Group 2	Fee Group 3
250,001–500,000	5.7–11.5	\$600	\$1,200	\$1,875
500,001–750,000	11.5–17.2	\$800	\$1,600	\$2,500
750,001–1,000,000	17.2–23.0 hrs	\$1,000	\$2,000	\$3,125
1,000,001–1,250,000	23.0 hrs–28.7	\$1,200	\$2,400	\$3,750
1,250,001–1,500,000	28.7–34.4	\$1,400	\$2,800	\$4,375
1,500,001–1,750,000	34.4–40.2	\$1,600	\$3,200	\$5,000
1,750,000–2,000,000	40.2–46.0	\$1,800	\$3,600	\$5,625
2,000,001–2,250,000	46.0–51.7	\$2,000	\$4,000	\$6,250
2,250,001–2,500,000	51.7–57.4	\$2,200	\$4,400	\$6,875
2,500,001–2,750,000	57.4–63.1	\$2,400	\$4,800	\$7,500

Facilities and sites with total areas of more than 250,000 square feet (23 225 square meters) shall be levied an area assessment fee in addition to their annual assessment fee.

The Area Assessment will be the fee group annual assessment for the first 250,000 square feet (23 225 square meters), plus 50 percent of the annual assessment fee for each additional 250,000 square feet (23 225 square meters).