

HARRIS COUNTY FIRE CODE STANDARD

This standard clarifies Harris County's policies and interpretations for Compressed Gases Permits.



Laurie L. Christensen Harris County Fire Marshal

Subject: Amusement Buildings

Revised April 2025

Purpose: Special Amusement Building operational permit is required due to the safety concerns as they pertain to the ability of occupants to readily exit in the event of an emergency. Amusement building operational permits shall be renewed annually or if the pathway or movement through the building changes. Special Amusement Building is defined by the adopted code as, a building that is temporary, permanent or mobile that contains a device or system that conveys passengers or provides a walkway along, around or over a course in any direction as a form of amusement arranged so that the egress path is not readily apparent due to visual or audio distractions or an intentionally confounded egress path, or is not readily available because of the mode of conveyance through the building or structure.

Fees: \$300.00 Annually

Requirements: An Amusement Buildings permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Amusement Buildings permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Amusement Buildings operational permit the applicant shall provide the following information:

- Site map identifying the location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an amusement building operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing an amusement building operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire alarm systems or other gas detection systems at the facility;

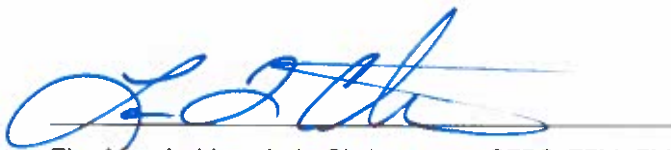


- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s);
- A copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.



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Harris County Texas



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Subject: Aviation Facilities

Revised April 2025

Purpose: An operational permit is required to use a Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles. Aviation facilities require special permitting because of the highly flammable and combustible products utilized in aviation repairs and fueling. Additional permits may be required by other sections of this code including, but are not limited to, hot work, hazardous materials and flammable or combustible finishes.

Fees: \$240.00 Annually

Requirements: An Aviation Facilities permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Aviation Facilities permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Aviation Facilities operational permit the applicant shall provide the following information:

- Site map identifying the location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an aviation facilities operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing an aviation facility operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire sprinkler systems at the facility;



- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- A copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;

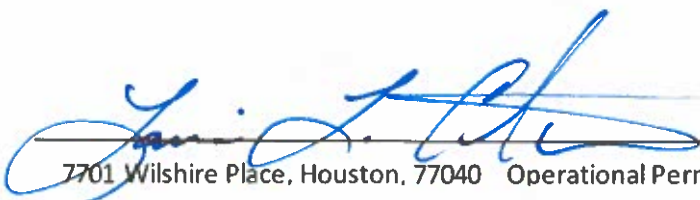
If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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7701 Wilshire Place, Houston, 77040 Operational Permits (713)274-1720

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Subject: Cellulose Nitrate Film

Revised April 2025

Purpose: An operational permit is required to store, handle, or use cellulose nitrate film in a Group A occupancy.

Fees: \$240.00 Annually

Requirements: A Cellulose Nitrate Film permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Cellulose Nitrate Film permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Cellulose Nitrate Film operational permit the applicant shall provide the following information:


- Written statement certifying that the storage and use of cellulose nitrate film is in compliance with the International Building Code section 409, 2018ed., International Fire Code Section 306, 2018ed., and National Fire Protection Association (NFPA) Standard 40 – Standard for the Storage and Handling of Cellulose Nitrate Film, 2016ed.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Combustible Dust-Producing Operations

Revised April 2025

Purpose: A Combustible dust-producing operational permit is required to operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, wood finishing, or other operations producing combustible dusts. Combustible dust-producing permits shall be renewed on an annual basis. Combustible Dust is defined by the approved code as, finely divided solid material which is 420 microns or less in diameter and which, when dispersed in air in the proper proportions, could be ignited by a flame, spark, or other source of ignition. Combustible dust will pass through a U.S. No. 40 standard sieve.

Fees: \$300.00 Annually

Requirements: A Combustible Dust-producing Operations permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Combustible Dust-producing Operations permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Combustible Dust-producing Operations operational permit the applicant shall provide the following information:

- Site map identifying the location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed, and dust collectors. If renewing a combustible dust producing operations operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a combustible dust producing operations operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;



- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Written documentation identifying the CFM and type of dust collector;
 - Cyclonic,
 - Enclosure-less,
 - Bag House;
- Written documentation identifying the CFM and method of exhaust ventilation of dust collector,

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Combustible Fibers

Revised April 2025

Purpose: A Combustible fibers operational permit is required for the storage and handling of combustible fibers in quantities greater than 100 cubic feet. A permit is not required for agricultural storage as defined by this code. Combustible fibers permits shall be renewed on an annual basis. Combustible Dust is defined by the approved code as, readily ignitable, and free-burning materials in a fibrous or shredded form, such as cocoa fiber, cloth, cotton, excelsior, hay, hemp, henequen, istle, jute, kapok, oakum, rags, sisal, Spanish moss, straw, tow, wastepaper, certain synthetic fibers or other like materials. This definition does not include densely packed baled cotton.

Fees: \$300.00 Annually

Requirements: A Combustible Fibers permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Combustible Fibers permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Combustible Fibers operational permit the applicant shall provide the following information:

- Site map identifying the location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed, and dust collectors. If renewing a combustible fibers producing operations operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a combustible fibers operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;



- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Written SOP, policy and/or procedures stating:
 - That ashes, waste, rubbish or sweepings shall not be placed in wood or other combustible receptacles and shall be removed daily from the structure;
 - grass or weeds shall not be allowed to accumulate at any point on the premises;
 - loose combustible fibers in quantities of not more than 100 cubic feet located in a structure shall be stored in a metal or metal-lined bin equipped with self-closing cover;
 - loose combustible fibers, not in suitable bales or packages and stored outdoors in the open or housed, shall not be stored within 100 feet of any structure;
 - baled combustible fibers shall be limited to single blocks or piles not more than 25,000 cubic feet in volume, not including aisle or clearances. Blocks or piles of baled fiber shall be separated from adjacent storage by aisles not less than 5 feet wide, or by flash-fire barriers constructed of continuous sheets of non-combustible material extending from the floor to a minimum height of 1 foot above the highest point of the piles and projecting not less than 1 foot beyond the sides of the pile;
 - sisal and other fibers in bales bound with combustible tie ropes, jute and other fibers that swell when wet, shall be stored to allow for expansion in any direction without affecting building walls, ceilings or columns. A minimum clearance of 3 feet shall be required between walls and sides of piles, except that where the storage compartment is not more than 30 feet wide, the minimum clearance at side walls shall be 1 foot, provided that a center aisle not less than 5 feet wide is maintained.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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HARRIS COUNTY FIRE CODE STANDARD

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Subject: Compressed Gases

Revised April 2025

Purpose: An operational permit is required 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 of the adopted code.
Exception: Vehicles equipped for and using *compressed gas* as a fuel for propelling the vehicle.

Table 105.6.8
PERMITS AMOUNTS FOR COMPRESSED GASES

TYPE OF GAS	AMOUNT (Cubic Feet at NTP)
Carbon Dioxide used in carbon dioxide enrichment systems	875 (100 lbs)
Carbon dioxide used in insulated liquid carbon dioxide beverage dispensing applications	875 (100 lbs)
Corrosive	200
Flammable (except cryogenic fluids and liquefied petroleum gases)	200
Highly toxic	Any amount
Inert and simple asphyxiant	6,000
Oxidizing (including oxygen)	504
Pyrophoric	Any Amount
Toxic	Any Amount

Fees: \$300.00 Annually

Requirements: A Compressed Gases permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Compressed Gases permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Compressed Gases permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.



When applying for a Compressed Gases operational permit the applicant shall provide the following information:

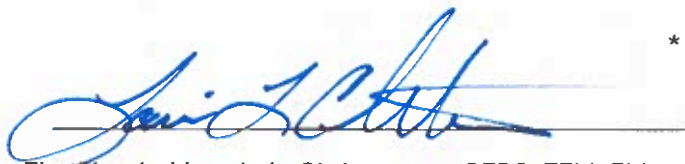
- Site map identifying where Compressed Gases being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an Compressed Gases operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing an hazardous materials operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with 2018 International Fire Code (IFC) Chapters 50-67.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Covered and Open Malls

Revised April 2025

Purpose: Covered and open mall facility permits shall be renewed annually or any time that kiosks or displays move in and out of the mall area. An operational permit is required for:

- The placement of retail fixtures and displays, concession equipment, displays of highly combustible goods and similar items in the mall.
- The display of liquid- or gas-fired equipment in the mall.
- The use of open-flame or flame-producing equipment in the mall.

Fees: \$300.00 Annually

Requirements: A Covered and Open Malls permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Covered and Open Malls permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Covered and Open Malls operational permit the applicant shall provide the following information:

- Site map identifying the location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed, and dust collectors. If renewing a covered and open mall buildings operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, identifiers for each suite including business name and suite number for each suite and location of all display and kiosks. If renewing a covered and open mall buildings operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;



- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Cryogenic Fluids

Revised April 2025

Purpose: An operational permit is required to produce, store, transport on site, use, handle or dispense *cryogenic fluids* in excess of the amounts listed in Table 105.6.10 of this code. **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. Cryogenic fluid is defined by the approved code as, a fluid having a *boiling point* lower than -130°F (-89.9°C) at 14.7 pounds per square inch atmosphere (psia) (an absolute pressure of 101.3 kPa).

TABLE 105.6.10
PERMIT AMOUNTS FOR CYROGENIC FLUIDS

TYPE OF CYROGENIC FLUID	INSIDE BUILDING (Gallons)	OUTSIDE BUILDING (Gallons)
Flammable	More than 1	60
Inert	60	500
Oxidizing (includes oxygen)	10	50
Physical or health hazard not indicated above	Any Amount	Any Amount

Fees: \$300.00 Annually

Requirements: A Cryogenic Fluids permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Cryogenic Fluids permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Cryogenic Fluids permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Cryogenic Fluids operational permit the applicant shall provide the following information:

- Site map identifying where Cryogenic Fluids being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a Cryogenic Fluids operational



permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;

- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a Cryogenic Fluids operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with International Fire Code (IFC) Chapters 50-67, current adopted edition.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

*This standard clarifies Harris County's policies and
interpretations for Compressed Gases Permits.*



Laurie L. Christensen Harris County Fire Marshal

Subject: Dry-Cleaning

Revised April 2025

Purpose: Dry Cleaning operations require an operational permit to engage in the business of dry cleaning or to change to a more hazardous cleaning solvent used in existing dry-cleaning equipment. Dry cleaning is defined by the approved code as, the process of removing dirt, grease, paints, and other stains from such items as wearing apparel, textiles, fabrics and rugs by use of nonaqueous liquids (solvents). Dry cleaning permits shall be renewed on an annual basis.

Fees: \$300.00 Annually

Requirements: A Dry-Cleaning permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Dry-Cleaning permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Dry-Cleaning operational permit the applicant shall provide the following information:

- Site map identifying the location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed, and dust collectors. If renewing a dry-cleaning operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, identifiers for each suite including business name and suite number for each suite and location of all display and kiosks. If renewing a dry-cleaning operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire alarm systems or other gas detection systems at the facility;



- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, Paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Written documentation showing compliance with Chapter 21 of the current adopted fire code and NFPA 32;
- An up-to date copy of product information for all dry-cleaning solvents and a listing of quantities on-site;
- An up-to date copy of maintenance and operating practices to prevent leakage or accumulation of lint;
- If spotting or pre-treating operations occur, a written statement certifying compliance with Chapter 21 Section 2106 of the current adopted fire code;

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal

Subject: Explosives

Revised April 2025

Purpose: An explosive operational permit is required for the manufacture, storage, handling, sale or use of any quantity of explosives, explosive materials, fireworks or pyrotechnic special effects within the scope of Chapter 56 of the 2018 IFC. Firework displays and use of pyrotechnic or flame effects for entertainment purposes shall be permitted under pyrotechnic special effects material operational permit. Temporary retail sites which move into or open only during the approved firework sales seasons shall not be required to obtain an explosives operational permit. Those firework retail sites which store fireworks while building is not open for retail sales shall be required to obtain this operational permit. Explosive operational permits shall be renewed annually.

Fees: \$300.00 Annually

Requirements: An Explosives permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Explosives applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Explosives operational permit the applicant shall provide the following information:

Storage:

- Site map including the magazine(s), other structures, property lines, locations of structures on other neighboring properties, and distance measurements between all structure locations from the magazine(s) as well as listings for each magazine for products, and quantities stored. Also identify location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an explosives operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels. If renewing an explosives storage operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;



- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Written details listing the types and amounts of explosives, blasting agents, smokeless powder or pyrotechnic devices and their intended uses;
- Copy of the proof of public liability insurance or a corporate surety bond in the amount of \$100,000;
- Written statement certifying compliance with Chapter 56 of the adopted fire code and other applicable codes and standards:
 - NFPA 495 – Explosive Materials Code,
 - NFPA 1123 – Code for Fireworks Display,
 - NFPA 1124 – Code for the Manufacturing, Transportation, and Storage of Fireworks and Pyrotechnic Articles.

Manufacturing, Assembly, and Testing:

- Site map including the magazine(s), other structures, property lines, locations of structures on other neighboring properties, and distance measurements between all structure locations from the magazine(s) as well as listings for each magazine for products, and quantities stored. Also identify location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an explosives operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a explosives operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system



installed and last inspection date (provide last inspection report or photo of current inspection tag(s));

- Copy of records of emergency drills and employee training records;
- Copy of hazardous materials management plans (HMMP);
- Copy of hazardous materials inventory statement (HMIS);
- Site plan including all buildings, magazines, and other structures with distance measurements;
- Written statement certifying compliance with Chapter 56 of the adopted fire code and other applicable codes and standards.

Small Arms Ammunition and Small Arms Components:

- Site map including location of all storage including quantities and storage configuration. Also identify location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an explosives materials operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels. If renewing a explosives operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Written statement certifying compliance with Chapter 56 of the adopted fire code and other applicable codes and standards.

Blasting:

- Written plan for the blasting operation including a site plan with blasting locations noted;
- Written safety and emergency plan to include notification to the responding fire department and identifying who with the fire department received notice;
- Copy of the proof of certificate of insurance or bond in such form, amount, and coverage as determined by the Harris County Attorney's Office to be adequate in each case to indemnify Harris County against any and all damages arising from permitted blasting;
- Written misfire procedures;
- Written Post-blast procedures;



- Copy of all licenses or certifications.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal



Subject: Flammable and Combustible Liquids

Revised April 2025

Purpose: A Flammable and Combustible Liquids operational permit is required for the following:

- To use or operate a pipeline for the transportation within facilities of flammable or *combustible liquids*. This requirement shall not apply to the offsite transportation in pipelines regulated by the Department of Transportation (DOT) nor does it apply to piping systems.
- To store, handle or use Class I liquids in excess of 5 gallons (19 L) in a building or in excess of 10 gallons (37.9 L) outside of a building, except that a permit is not required for the following:
 - The storage or use of Class I liquids in the fuel tank of a motor vehicle, aircraft, motorboat, mobile power plant or mobile heating plant, unless such storage, in the opinion of the *fire code official*, would cause an unsafe condition.
 - The storage or use of paints, oils, varnishes or similar flammable mixtures where such liquids are stored for maintenance, painting or similar purposes for a period of not more than 30 days.
- To store, handle or use Class II or Class IIIA liquids in excess of 25 gallons (95 L) in a building or in excess of 60 gallons (227 L) outside a building, except for fuel oil used in connection with oil burning equipment.
- To store, handle or use Class IIIB liquids in tanks or portable tanks for fueling motor vehicles at motor fuel-dispensing facilities or where connected to fuel-burning equipment.
Exception: Fuel oil and used motor oil used for space heating or water heating.
- To remove Class I or II liquids from an underground storage tank used for fueling motor vehicles by any means other than the *approved*, stationary on-site pumps normally used for dispensing purposes.
- To operate tank vehicles, equipment, tanks, plants, terminals, wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and *combustible liquids* are produced, processed, transported, stored, dispensed or used.
- To place temporarily out of service (for more than 90 days) an underground, protected aboveground or above-ground flammable or *combustible liquid* tank.
- To change the type of contents stored in a flammable or *combustible liquid* tank to a material that poses a greater hazard than that for which the tank was designed and constructed.
- To manufacture, process, blend or refine flammable or *combustible liquids*.
- To engage in the dispensing of liquid fuels into the fuel tanks of motor vehicles at commercial, industrial, governmental or manufacturing establishments in accordance with Section 5706.5.4 of the adopted code or to engage in on-demand mobile fueling operations in accordance with Section 5707 of the adopted code.
- To utilize a site for the dispensing of liquid fuels from tank vehicles into the fuel tanks of motor vehicles, marine craft and other special equipment at commercial, industrial, governmental or manufacturing establishments in accordance with Section 5706.5.4 of the adopted code or, where required by the fire code official, to utilize a site for on-demand mobile fueling operations in accordance with Section 5707 of the adopted code.



Fees: \$300.00 Annually

Requirements: A Flammable and Combustible Liquids permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Flammable and Combustible Liquids permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Flammable and Combustible Liquids permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Flammable and Combustible Liquids operational permit the applicant shall provide the following information:

- Site map identifying where Flammable and Combustible Liquids being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an Flammable and Combustible Liquids permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing an Flammable and Combustible Liquids permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with International Fire Code (IFC) Chapters 50-67, current adopted edition.



If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas

HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal

Subject: Floor Finishing

Revised April 2025

Purpose: A Floor finishing operational permit is required for floor finishing or surfacing operations exceeding 350 square feet using Class I or Class II liquids. Floor finishing permits shall be issued to a company every two years and not for each job in the jurisdiction.

Fees: \$300.00 Biennial

Requirements: A Floor Finishing permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Floor Finishing permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for or renewing a Floor finishing operational permit the applicant shall provide a copy of operational procedures that address the requirements set forth in Chapter 2410 of the adopted code as it pertains to the following:

- **Mechanical system operation.** Heating, ventilation and air-conditioning systems shall not be operated during resurfacing or refinishing operations or within 4 hours of the application of flammable or combustible liquids;
- **Business operation.** Floor surfacing and finishing operations shall not be conducted while an establishment is open to the public;
- **Ignition sources.** The power shall be shut down to all electrical sources of ignition within the flammable vapor area, unless those devices are classified for use in Class I, Division 1 hazardous locations;
- **Ventilation.** To prevent the accumulation of flammable vapors, mechanical ventilation at a minimum rate of 1 cubic foot per minute per square foot of area being finished shall be provided. Such exhaust shall be by approved temporary or portable means. Vapors shall be exhausted to the exterior of the building;
- **Emergency procedures.** Written emergency procedures addressing what the employee(s) shall do in the event of an emergency related to fire or other incident from the finishing process;

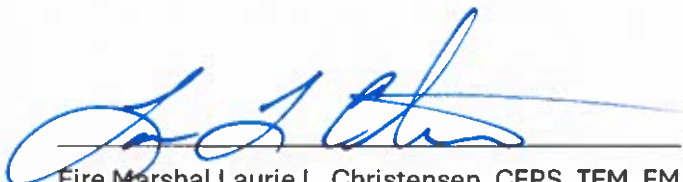


- **Training.** Written procedures for employee training on the company processes, procedures, and emergency plans. Training records shall be maintained by the company and be made available for review if requested by the fire code official.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Fruit and Crop Ripening

Revised April 2025

Purpose: A fruit and crop ripening operational permit is required to operate a fruit- or crop-ripening facility or conduct a fruit-ripening process using ethylene gas. Fruit and crop ripening permits shall be renewed every 3 years.

Fees: \$300.00 Triennial

Requirements: A Fruit and Crop Ripening permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Fruit and Crop Ripening permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for or renewing a Fruit and Crop Ripening operational permit the applicant shall provide the following information:

- Submit a floor plan/site plan showing location of fruit ripening activities;
- Identify the location of discharge of Ethylene gas (can only be done in approved rooms constructed for this purpose). Depending on the amount of Ethylene gas stored or used on-site, a hazardous materials operational permit may be required;
- Identify the valves controlling discharge of ethylene provide positive and fail-closed control of flow and are set to limit the concentration of gas in air below 1,000 parts per million (ppm);
- Identify how the sources of ignition are controlled or protected;
- Identify how containers, piping and equipment used to dispense ethylene are bonded and grounded to prevent the discharge of static sparks or arcs;
- Provide proof lightening is by approved electric lamps or luminaries and heating is by indirect means utilizing low-pressure steam, hot water, or warm air;
- Documentation that ethylene generators are listed and labeled by an approved testing laboratory.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.



Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Fumigation and Insecticidal Fogging

Revised April 2025

Purpose: An operational permit is required 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.

Fees: \$300.00 Annually

Requirements: A Fumigation and Insecticidal Fogging permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Fumigation and Insecticidal Fogging permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Fumigation and Insecticidal Fogging permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Fumigation and Insecticidal Fogging operational permit the applicant shall provide the following information:

- Site map identifying all hazardous materials being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a Fumigation and Insecticidal Fogging operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a Fumigation and Insecticidal Fogging operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire alarm systems or other gas detection systems at the facility;



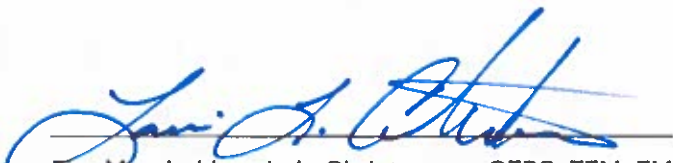
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with International Fire Code (IFC) Chapters 50-67, current adopted edition.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Hazardous Materials

Revised April 2025

Purpose: A hazardous material operational permit is required to store, transport on site, dispense, use or handle hazardous materials more than the amounts listed in Table 105.6.20 of the IFC 2018. Hazardous materials operational permits shall be renewed on an annual basis.

TABLE 105.6.20
PERMIT AMOUNTS FOR HAZARDOUS MATERIALS

TYPE OF MATERIAL	AMOUNT
Combustible Liquids	See Section 105.6.16
Corrosive Materials	
Gases	See Section 105.6.8
Liquids	55 Gallons
Solids	1000 Pounds
Explosive Materials	See Section 105.6.14
Flammable Materials	
Gases	See Section 105.6.8
Liquids	See Section 105.6.16
Solids	100 Pounds
Highly Toxic Materials	
Gases	See Section 105.6.8
Liquids	Any Amount
Solids	Any Amount
Organic Peroxides	
Liquids	
Class I	Any Amount
Class II	Any Amount
Class III	1 Gallon
Class IV	2 Gallons
Class V	No Permit Required
Solids	
Class I	Any Amount
Class II	Any Amount
Class III	10 Pounds
Class IV	20 Pounds
Class V	No Permit Required
Oxidizing Materials	



Gases	See Section 105.6.8
Liquids	
Class 4	Any Amount
Class 3	1 Gallon ^a
Class 2	10 Gallons
Class 1	55 Gallons
Solids	
Class 4	Any Amount
Class 3	10 Pounds ^b
Class 2	100 Pounds
Class 1	500 Pounds
Pyrophoric Materials	
Gases	Any Amount
Liquids	Any Amount
Solids	Any Amount
Toxic Materials	
Gases	See Section 105.6.8
Liquids	10 Gallons
Solids	100 Pounds
Unstable (Reactive) Materials	
Liquids	
Class 4	Any Amount
Class 3	Any Amount
Class 2	5 Gallons
Class 1	10 Gallons
Solids	
Class 4	Any Amount
Class 3	Any Amount
Class 2	50 Pounds
Class 1	100 Pounds
Water-reactive Materials	
Liquids	
Class 3	Any Amount
Class 2	5 Gallons
Class 1	55 Gallons
Solids	
Class 3	Any Amount
Class 2	50 Pounds
Class 1	500 Pounds



Fees: \$300.00 Annually

Requirements: A Hazardous Material permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Hazardous Material permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Hazardous Material operational permit the applicant shall provide the following information:

- Site map identifying where all hazardous materials are being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a hazardous materials operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing an hazardous materials operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with 2018 International Fire Code (IFC) Chapters 50-67.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.



Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

This standard clarifies Harris County's policies and interpretations for Compressed Gases Permits.



Laurie L. Christensen Harris County Fire Marshal

Subject: High-Piled Storage

Revised April 2025

Purpose: High-piled storage buildings require an operational permit because of the safety concerns as they pertain to the ability of occupants to readily exit in the event of an emergency. This permit is required for use of a building or portion thereof with more than 500 square feet, including aisle, of high-piled storage. High-piled storage building permits shall be renewed on an annual basis or if the pathway or movement through the building changes.

Fees: \$300.00 Annually

Requirements: A High-piled Storage permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All High-piled Storage permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a High-piled Storage operational permit the applicant shall provide the following information:

- Site map identifying all outside storage, including maximum quantity and storage configuration. Also identify location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a high-piled storage operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all storage racking with storage height, entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a high-piled storage operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;



- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operations;
- A written statement certifying compliance with International Fire Code Chapter 32.
- It should be noted that Harris County requires any high-piled storage facility to submit a high-piled storage application as part of the certificate of compliance process. All businesses not originally permitted as high-piled storage is non-compliant with the adopted fire code if not permitted for high-piled under the current issued certificate of compliance. This process is separate from the operational permitting process and shall be completed prior to application for any operational permit. If building was in the current operation and storage set up with no changes since January 1, 2005, a certificate of compliance is not required unless substantial improvement is completed;

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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HARRIS COUNTY FIRE CODE STANDARD

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Subject: Hot Work Operations

Revised April 2025

Purpose: Hot work operational permits are required for cutting, welding, brazing, soldering, thawing pipe, and installation of torch-applied roof systems. Permitting is for the use of open flame and in some cases LP-Gas (Roofing). Hot work permits shall be issued to a company on an annual basis to conduct hot work operations in the unincorporated areas of the county and not for each job site or hot work operation in the jurisdiction. This permit shall not be required in an industrial setting where a hot work program is in place and permits are already issued for each job inside of a plant or industrial facility.

Fees: \$300.00 Annually

Requirements: A Hot Work Operations permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Hot Work Operations permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Hot Work Operations operational permit the applicant shall provide the following information:

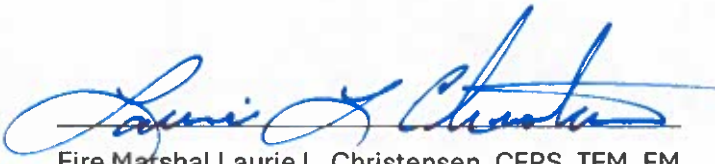
- Written processes and procedures addressing;
 - Employee safety,
 - Site safety,
 - Use of appropriate fire protection equipment,
 - Use of proper signage,
 - Allowing for adequate cool-time period(s),
 - Fire Watch;
- Emergency plan addressing the employee(s) procedures in the event of a fire or other emergency related to the hot work operation;

Written procedures for employee training on the company processes, procedures, and emergency plans. Training records shall be maintained by the company and be made available for review if requested by the fire code official.



- Denial:** If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.
- Revocation:** The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: HPM Facilities

Revised April 2025

Purpose: An operational permit is required for semiconductor fabrication facilities.

Fees: \$300.00 Annually

Requirements: A HPM Facilities permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the HPM Facilities Products permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All HPM Facilities permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a HPM Facilities operational permit the applicant shall provide the following information:

- Site map identifying all hazardous materials being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a HPM Facilities operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a HPM Facilities operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;




- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with International Fire Code (IFC) Chapters 50-67, current adopted edition.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Industrial Ovens

Revised April 2025

Purpose: An Industrial ovens operational permit is required for operation of industrial ovens regulated by Chapter 30. Industrial ovens operational permits shall be renewed on an annual basis.

Fees: \$300.00 Annually

Requirements: An Industrial Ovens permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Industrial Ovens permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Industrial Ovens operational permit the applicant shall provide the following information:

- Written statement certifying the installation and use of industrial oven or furnace is in compliance with chapter 30 of the adopted fire code and all other applicable codes, standards, and manufacturer's instructions;
- Copy of manufacturing specification sheets for all industrial ovens or furnaces utilized;
- Copy of emergency plan for approval by the Fire Code Official;
- Written statement certifying that all employees have been trained on safe operations of ovens or furnaces as well as emergency processes and procedures. Training records shall be available on site for inspection if needed by the Fire Code Official;
- Information on type of fire alarm system installed and last inspection date;
- Information on the installed sprinkler system and last inspection date;
- Information on any type of alternate fire protection system installed and last inspection date.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.



Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Liquid-or-Gas-Fueled Vehicles or Equipment in Assembly Buildings

Revised April 2025

Purpose: An operational permit is required to display, operate, or demonstrate liquid- or gas-fueled vehicles or equipment in assembly buildings. Liquid-or-gas-fueled vehicles or equipment in assembly buildings as part of a Special Event shall be permitted separate from the Special Event but floor plans and other documents that are the same for both permits can be utilized for both permits but shall be submitted with each permit application.

Fees: \$300.00

Requirements: A Liquid-or-gas-fueled Vehicles or Equipment in Assembly Buildings permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed and a fire and life safety inspection has been successfully passed.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Liquid-or-gas-fueled Vehicles or Equipment in Assembly Buildings permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Liquid-or-gas-fueled Vehicles or Equipment in Assembly Buildings operational permit the applicant shall provide the following information:

- Detailed written description of the on-site operation including dates and time of operation;
- Site map identifying all entrances/exits, fire department access, layout of vehicles and other stands, structures, etc., access gates, storage areas, placement of any stages, bleachers, or grandstands, and fire extinguisher, all exit signs, water supply (fire hydrants, tanks), first aid stations if applicable, medical stations if applicable.
- Copy of the site security plan, crowd management plan (*Not fewer than two trained crowd managers, and not less than one trained crowd manager for each 250 persons or portion thereof, shall be provided for the gathering.*), an emergency plan, medical and safety plan if applicable, compliant with Chapter 4 of the International Fire Code, current adopted edition.
- Written statement ensuring that:
 - Batteries of all vehicles shall be disconnected while on display
 - Fuel tanks shall not have more than one-quarter or five gallons, whichever is least
 - Fuel tanks and fill openings shall be locked and secured from tampering while on display
 - Vehicles including boats or other motor craft shall not be fueled or defueled within the building




- o Vehicles powered by CNG or LP-gas shall have the shutoff valves closed and engines shall be operated until it stops and valves shall remain closed while on display

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: LP-Gas

Revised April 2025

Purpose: An operational permit is required for the storage and use of LP-gas or operation of cargo tankers that transport LP-gas. This is not the permit required for use or storage of LP gas at a Special Event.

Fees: \$300.00 Annually

Requirements: An LP-Gas permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the LP-Gas permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All LP-Gas permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an LP-Gas operational permit the applicant shall provide the following information:

- include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a LP-Gas operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a LP-Gas operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;



- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with International Fire Code (IFC) Chapters 50-67, current adopted edition.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal

Subject: LP Gas Storage and Usage Associated with a Special Event

Revised April 2025

Purpose: An operational permit is required for the storage and use of LP Gas associated with a special event. The storage and use of LP gas shall not exceed 100lbs in each vendors area. If more than 100lbs of LP Gas is required for a vendor, approval in advance is required. The aggregate storage capacity of any one installation or event shall not exceed 8,000 lbs.

Fees: Permit Fees are based type and quantity of structures.

<u>LP Gas Quantity</u>	<u>Fee</u>
20lbs – 500lbs	\$150
501lbs – 1000lbs	\$300

Requirements: Each LP Gas permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a fire and life safety inspection has been successfully passed.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions for LP gas permits. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review, and schedule an inspection for when the LP Gas is onsite and ready for use. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All LP Gas Permit applications will begin with generalized information requirements. This information will pertain to the event promoter/coordinator/operator/host, event address, event dates, etc. Furthermore, all permit applications will require the permit number of the associated special event.

All LP Gas permits associated with a Special Event, SHALL have application packet submitted a minimum of 20 business days excluding weekends and holidays, prior to the event start date. **A failure to turn in a completed application 20 business days prior to the anticipated start date of the event, shall result in double permit fees. All LP Gas packets shall complete the approval process no later than 10 days before the schedule start date of the event or approval shall not be authorized.**

When applying for a LP Gas operational permit the applicant shall provide the following information:

- Site map including vendor locations, location of LP Gas cylinders, location of fire extinguishers, proximity to other structures, locations of fire apparatus access, firefighting water supply, etc.
- Written description of each vendor's use of LP Gas (cooking, heating, flame effects, etc.).


If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.



Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Lumber Yards and Woodworking Plants

Revised April 2025

Purpose: An operational permit is required to store lumber in excess of one hundred thousand board feet or to store firewood in excess of ten cords; or to conduct woodworking operations involving mass production or involving more than one of each type of machine, or where machines are used continuously, or substantial products of sawdust may be a problem. Lumberyards, woodworking operational permits shall be renewed on an annual basis.

Fees: \$300.00 Annually

Requirements: A Lumber Yards and Woodworking Plants permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Lumber Yards and Woodworking Plants permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Lumber Yards and Woodworking Plants operational permit the applicant shall provide the following information:

- Site map identifying all outside storage, including maximum quantity and storage configuration. Also identify location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a lumber yard and woodworking plants operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Site plan shall also identify all wood storage including:
 - Location of all stacks or piles,
 - Quantity in each stack or pile,
 - Configuration of stack or piles,
 - Location of all structures on property,
 - Location of hydrants, hose lines, and extinguishers;



- A drawing/ floor plan of building including all storage racking with storage height, entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a lumber yard and woodworking plants operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operations;
- A written statement certifying compliance with International Fire Code Chapter 28 and all other codes, standards, and manufacturer's recommendation for equipment.

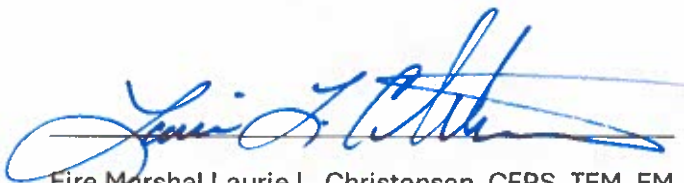
If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Storage of wood chips and hogged material at production facilities – See wood products operational permits.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

This standard clarifies Harris County's policies and interpretations for Compressed Gases Permits.



Laurie L. Christensen Harris County Fire Marshal

Subject: Magnesium

Revised April 2025

Purpose: An operational permit is required to melt, cast, heat treat or grind more than 10 pounds (4.54 kg) of magnesium.

Fees: \$300.00 Annually

Requirements: A Magnesium permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Magnesium permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Magnesium permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Magnesium operational permit the applicant shall provide the following information:

- include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a Magnesium operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a Magnesium operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;



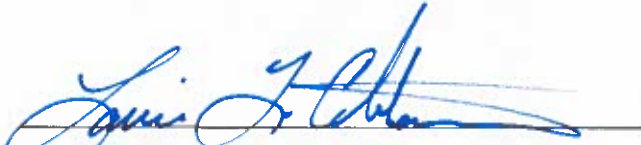
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with International Fire Code (IFC) Chapters 50-67, current adopted edition.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal

Subject: Miscellaneous Combustible Storage

Revised April 2025

Purpose: Miscellaneous combustible storage operational permit is required to store in any building or upon any premises more than 2,500 cubic feet gross volume of combustible empty packing cases, boxes, barrels or similar containers, rubber tires, rubber, cork or similar combustible material. Miscellaneous combustible storage permits shall be renewed on an annual basis or if the vehicle has any change from the approved inspection.

Fees: \$300.00 Annually

Requirements: A Miscellaneous Combustible Storage permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the aerosol products permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Miscellaneous Combustible Storage permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Miscellaneous Combustible Storage operational permit the applicant shall provide the following information:

- Site map identifying all outside storage, including maximum quantity and storage configuration. Also identify location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a miscellaneous combustible storage operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all storage racking with storage height, entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a miscellaneous combustible storage operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;



- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operations;

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal

Subject: Motor Fuel-Dispensing Facilities

Revised April 2025

Purpose: A Motor Fuel-dispensing Facilities operational permit is required for the operation of automotive, marine and fleet motor fuel-dispensing facility.

Fees: \$300.00 Annually

Requirements: A Motor Fuel-dispensing Facilities permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Motor Fuel-dispensing Facilities permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Motor Fuel-dispensing Facilities permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Motor Fuel-dispensing Facilities operational permit the applicant shall provide the following information:

- Site map identifying:
 - Location of all dispensing devices, showing a minimum of 10 feet from the lot lines and buildings having combustible exterior walls or walls that are not part of a 1-hour fire-resistance-rating,
 - Showing that the fueling hose will not reach within 5 feet of the lot line,
 - Showing 20 feet separation between all dispensing devices and fixed ignition sources,
 - Location of the emergency disconnect switch no more than 100 feet away from the dispensing devices and not closer than 20 feet. An indication that the installation height of the emergency disconnect switch is not less than 42 inches and not more than 48 inches measured from the floor level,
 - Showing the layout of all fire lanes, knox boxes if applicable, and any other stored hazardous materials on-site,
- Written statement indicating the type of fuel-dispensing facility (attended self-service or Unattended self-service) and certifying compliance with Chapter 23 of the adopted fire code
- Copy of procedures for emergencies including fires, leaks, and spills
- Written statement certifying that all attendees will not allow dispensing into non-approved portable containers



- Upon request during an inspection of the facility, records of daily inspections of dispensing equipment and maintenance of the dispensing equipment shall be readily available for review by the Fire Code Official
- Written statement certifying that the dispensing facility has posted signs for emergency procedures as required by section 2304.3.5, warning signs as required by section 2305.6, and dispenser operating instructions as required in section 2304.2.3, of the adopted fire code

Liquefied Petroleum Gas Motor Fuel-Dispensing Facilities shall provide an additional written statement certifying that the facility is in compliance with Section 2307 of the adopted fire code

Compressed Natural Gas Motor Fuel-dispensing Facilities shall provide an additional statement certifying compliance with Section 2308 of the adopted fire code

Hydrogen Motor Fuel-dispensing and Generation Facilities shall provide an additional statement certifying compliance with Section 2309 of the adopted fire code

Marine Motor Fuel-dispensing and Generation Facilities shall provide an additional statement certifying compliance with Section 2310 of the adopted fire code

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal

Subject: Motor Re-Fueling

Revised April 2025

Purpose: Mobile re-fueling or On-Demand Mobile Fueling Operations shall be approved and permitted. Operational permits for this operation shall be issued to the company performing the operation at fire code complaint and approved locations. **Exception:** Mobile Re-fueling Operations conducted for the purpose of an emergency operation shall not require a permit.

Fees: \$300.00 Annually

Requirements: A Motor Re-fueling permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, review, and a fire and life safety inspection has been successfully passed.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Motor Re-fueling permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Motor Re-fueling operational permit the applicant shall provide the following information:

- Written statement certifying compliance with Chapter 57 of the adopted fire code and all other applicable codes, standards, and laws;
- Listing of all approved and permitted locations for the fueling operations;
- Copy of specification for all vehicles intended to be used for fueling operations;
- Copy of the process and procedures for fueling operations including safety and emergency response plan, and site security plan documents for approval by the Fire Code Official;
- Copy of Certificate of Compliance along with approved site plan of the approved locations for mobile re-fueling;
- Written statement certifying the training for all employees conducting fueling operations in reference to procedures, safety plan, spill containment, and emergency response plan. Training records shall be available if requested by the Fire Code Official for review.

Prior to approval a field inspection of the location shall be done with the mobile re-fueling company to discuss specific requirements for each location.

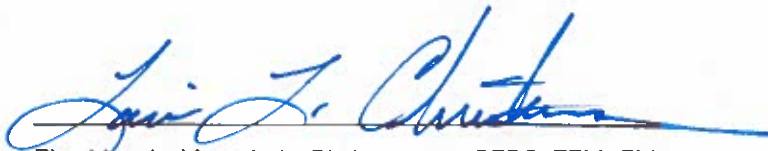


If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Multiple Tenant / Guestroom Housing

Revised April 2025

Purpose: An operational permit is required to own or operate a multiple tenant or guestroom facility. This shall include but not be limited to lodging houses, alternative living facilities, flophouses, and halfway houses. This shall not include motels, hotels, bed and breakfast facilities, or apartments. Multi-tenant/guestroom housing permits shall be renewed on an annual basis. This permit excludes boarding homes, assisted living houses, and other facilities which received licenses or permits from State or Local Government.

Fees: \$200.00 Annually

Requirements: A Multiple Tenant / Guestroom Housing permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Multiple Tenant / Guestroom Housing permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Multiple Tenant / Guestroom Housing operational permit the applicant shall provide the following information:

- Floor plan of facility to include all exits, tenant spaces, locations of fire suppression systems, fire alarm panels, fire extinguishers, electrical shutoff, and gas shutoff.
- Emergency plan compliant with Chapter 4 of the adopted fire code.
- Written certification of the services provided to the tenants/guests of the facility to include insurance that no health care services or personal services are being provided for any tenant/guest unless the facility has an issued license number, contract number, or other authorization from HHS or DFPS. If the facility has authorization to operate through HHS or DFPS as an HCS home or similar, a copy of the certificate issued including identification number shall be uploaded.
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire sprinkler systems at the facility;



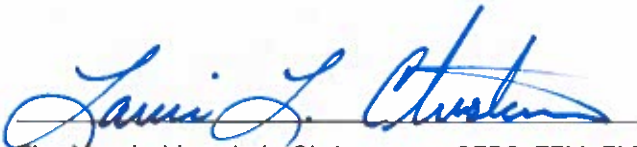
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Harris County Texas



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Laurie L. Christensen Harris County Fire Marshal



Subject: Open Flames and Candles

Revised April 2025

Purpose: An Open flames and candles operational permit is required to use open flames or candles in connection with assembly areas, dining areas of restaurants or drinking establishments. Open flames and candles operational permits shall be renewed on an annual basis. The use of fireworks, pyrotechnics, or flame effects is not included in this operational permit. Those devices are permitted under pyrotechnics special effects operational permits. This operational permit includes champagne/birthday sparklers.

Fees: \$125.00 Annually

Requirements: An Open Flames and Candles permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Open Flames and Candles permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Open Flames and Candles operational permit the applicant shall provide the following information:

- Identify the type of candles or open flame to be used;
- Written plan detailing:
 - Candles shall be secured in a nonflammable solid holding device and protected by an enclosure,
 - How to protect public from accidental contact (measures shall be taken to prohibit and limit the holding device from being tipped over),
 - When used as part of a decoration or centerpiece, the flame of the candle shall not be within 6 inches of cut fresh foliage, or within 12 inches of dry foliage or other combustibles at any time,
 - Candle wicks shall be trimmed to ¼ inch or less;
- Copy of evacuation plan and written statement certifying training for all employees. Training records shall be available upon request of the Fire Code Official for review;
- Emergency plan and written statement certifying training for all employees. Training records shall be available upon request of the Fire Code Official for review;




- A site/floor plans of building including all entrance and exits, location of exit routes, locations of fire protection equipment;
- Information on the installed sprinkler system and last inspection date;
- Information on the installed fire alarm system and last inspection date;
- Listing of all Occupant Load for the entire building, or individual rooms.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Open Flames and Torches

Revised April 2025

Purpose: Open flames and torches operational permit is required to remove paint with a torch; or to use a torch or open-flame device in a hazardous fire area. Open flames and torches operational permits shall be issued to companies who perform these operations in unincorporated Harris County and not for each job or operation location. Open flames and torches operational permit shall be renewed on an annual basis.

Fees: \$300.00 Annually

Requirements: An Open Flames and Torches permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Open Flames and Torches permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Open Flames and Torches operational permit the applicant shall provide the following information:

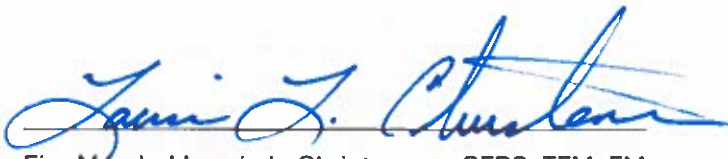
- Written statement certifying compliance with applicable chapters of the adopted fire code:
 - Chapter 3 – Section 308.1 through 308.4.1- Open Flames,
 - Chapter 6 – Section 603.1, 603.2, 603.5, and 603.6- Fuel- Fired Appliances,
 - Chapter 35 – Welding;
- Written processes and procedures for the proper and safe operations when using open flames and torches including:
 - Ensuring proper extinguishers on site, compliant with chapter 906,
 - Requiring employee remains on premise 1 hour after operation;
- Copy of emergency and safety plans.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.



- Denial:** If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.
- Revocation:** The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Organic Coating

Revised April 2025

Purpose: An operational permit is required for any organic-coating manufacturing operation producing more than 1 gallon (4 L) of an organic coating in one day.

Fees: \$300.00 Annually

Requirements: An Organic Coating permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Organic Coating permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Organic Coating permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Organic Coating operational permit the applicant shall provide the following information:

- Site map identifying all buildings, all hazardous materials being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an Organic Coating operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of each building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. Location of any mills, mixers, kettles, and tanks. If renewing an Organic Coating operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;



- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying compliance with International Fire Code (IFC) Chapters 29, current adopted edition.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Outdoor Assembly Venue

Revised April 2025

Purpose: An operational permit is required to operate open land as a business for assemblies, recreational activities, or gatherings. This shall include but not be limited to ATV parks, outdoor concert venues, amphitheaters, outdoor amusement, etc. This operational permit is not intended for temporary outdoor events or gathering but for those premises which operate for this purpose on a regular basis as a business practice. Outdoor assembly venue operational permit shall be renewed on an annual basis. For any premise that has an outdoor assembly venue operational permit and chooses to conduct an event which extends outside of the designated area covered by the permit, is an event that is outside of the normal daily business practices, or increases the normal level of activity on the property (i.e., concert venue with a temporary carnival for an event, or ATV park hosting a concert or other promoted event); a Special Event permit is required.

Fees: \$300.00 Annually

Requirements: An Outdoor Assembly Venue permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Outdoor Assembly Venue permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Outdoor Assembly Venue operational permit the applicant shall provide the following information:

- Site map detailing:
 - Fire apparatus access roads
 - Any structures on location. If structures were constructed after January 1, 2005, a construction permit and certificate of compliance is required.
 - Location of any muster/meeting locations
 - Location of all trails, ponds, and other attractions on premise
 - Identification of areas within the property for ease of notifying emergency personnel, (i.e. Area 1, area 2, purple area, red area, etc.)



- Emergency and evacuation plan, compliant with Chapter 4 of the adopted fire code for Fire Code Official approval
- Floor plan of any structures on property to include evacuation routes, entry and exit doors, etc.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

*This standard clarifies Harris County's policies and
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Laurie L. Christensen Harris County Fire Marshal

Subject: Places of Assembly

Revised April 2025

Purpose: Places of Assembly require an operational permit because of the safety concerns as they pertain to the ability of occupants to readily exit in the event of an emergency. This permit requirement shall include but is not limited to any location that allows service and consumption of alcohol on premises regardless of the determined maximum occupant load. Places of Assembly operational permits shall be renewed on an annual basis or if the pathway or movement through the building changes.

Fees: \$300.00 Annually

Requirements: A Places of Assembly permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Places of Assembly permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Places of Assembly operational permit the applicant shall provide the following information:

- Site map identifying the location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing an places of assembly operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a place of assembly operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition.
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;



- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Copy of Vent Hood cleaning receipt (within a 6-month time frame) if a kitchen hood is present;
- Copy of approved Occupant Load for the entire building, and/or individual rooms. If occupant load is not known, an occupant load calculation is required and provided by the Harris County Fire Marshal's Office. This is a separate process from obtaining this operational permit and shall be applied for through the Fire Marshal's Office. To obtain an occupant load determination a floor plan including room measurements, and chair/table set up shall be provided to assist in the calculation;
- Hours of operation;
- Identify if Alcohol is being served;
- An up-to date copy of the approved TABC permit;

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal

Subject: Plant Extraction Systems

Revised April 2025

Purpose: Plant extraction operations require permits. Plant extraction is the processing and extraction of oils and fats from various plants. This process includes extraction by use of solvent, desolventizing the raw material, production of the miscella, distillation of the solvent from the miscella and solvent recovery.

Fees: \$300.00 Annually

Requirements: A Plant Extraction Systems permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Plant Extraction Systems permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Plant Extraction Systems operational permit the applicant shall provide the following information:

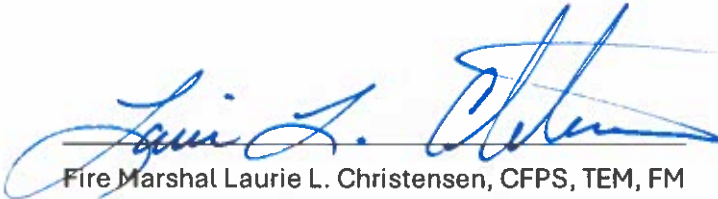
- Written statement certifying compliance with Chapter 39 of the adopted fire code and all other applicable chapters, codes, and standards;
- Written explanation of the process utilized for extraction;
- Site/Floor plan including all exits, locations of all extraction processes, location of any required emergency shutoffs;
- Copy of emergency plans for Fire Code Official approval;
- Information on any gas detection systems, the designed operation of the detection system, and the last date of testing/maintenance.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.



Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.



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Subject: Private Fire Hydrants

Revised April 2025

Purpose: Private fire hydrants operational permit is required for the existence, the removal from service, use or operation of private fire hydrants. Any of these factors raise safety concerns as they pertain to life safety for occupants in the event of an emergency. Private fire hydrants operational permits shall be issued each time that a hydrant on a private fire loop is removed from service or any utilization other than use during an emergency or when being inspected or tested. When the hydrant is tested or inspected and is found to need repair or service, an operational permit is required. **Exception:** A permit is not required for private industry with trained maintenance personnel, private fire brigade or fire departments, to maintain, test and use private hydrants.

Fees: \$300.00 Annually

Requirements: A Private Fire Hydrants permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Private Fire Hydrants permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Private Fire Hydrants operational permit the applicant shall provide the following information:

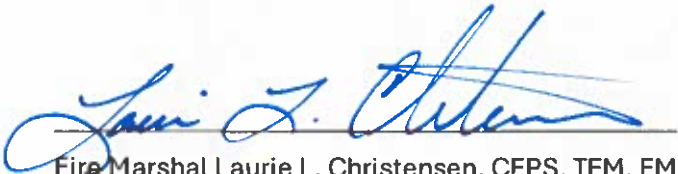
- An overall site map identifying the layout of all fire hydrants on-site, and water supply;
- Information for the:
 - Company performing service work on any hydrant or using hydrant for purpose other than an emergency, along with contact information for responsible person,
 - Detail for all repairs or service needed or the purpose for use of hydrant,
 - Details on proposed time of out of service;
- An up-to date record of all maintenance performed for a 12-month period.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.



- Denial:** If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.
- Revocation:** The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Pyrotechnic Special Effects Material

Revised April 2025

Purpose: A Pyrotechnic special effects material operational permit is required for the use of pyrotechnics, flame effects, or firework displays, 1.4G with an audience of 50 or more spectators, and firework displays using 1.3G fireworks. This includes the use of any product which produces heat, spark, flames, or smoke of any kind for entertaining an audience. Pyrotechnic special effects material operational permit is for single event and each usage shall require an additional permit.

Fees: Fees may be singular or combined based on the type of display

Fireworks Display 1.4G	\$200.00
Fireworks Display 1.3G	\$300.00
Indoor/ Proximate	\$150.00
Flame Effects	\$150.00
Observer (Required for 1.3G Display, Indoor, or Proximate) or other services	\$75.00 Per Hour

Requirements: A Pyrotechnic Special Effects Material permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded. If the Pyrotechnic Special Effects Material display is in conjunction with a special event the special event permit shall be applied for prior to the Pyrotechnic Special Effects Material being issued.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Pyrotechnic Special Effects Material permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

All permit applications for the use of pyrotechnics, flame effects, or firework displays 1.4G with an audience of 50 or more spectators and 1.3G shall be submitted no later than 15 business days, excluding holidays and weekends, before the scheduled day of use, 30 business days if in conjunction with a special event. **A failure to turn in a completed Pyrotechnic Special Effects application 15 days prior to the display, or 30 days if in conjunction with a special event will result in double permit fees. Pyrotechnic Special Effects applications submitted 5 days prior to the display, or 10 days if in conjunction with a special event shall not be authorized.**

All application packets for use of pyrotechnics, flame effects, or firework displays 1.4G with an audience of 50 or more spectators and 1.3G shall be completed by a Texas Licensed Shooter or the representative company to be considered for review.



If flame effects or pyrotechnics are used inside of a building, the building shall be equipped with a fully functional, automatic fire sprinkler system. If the building is not equipped with a fire sprinkler system, personnel shall be provided to conduct an approved fire watch acceptable to the Fire Code Official. The description of the fire watch personnel shall be listed in the written description of the on-site operation and shall include the names and affiliation of each fire watch personnel.

When applying for a Pyrotechnic Special Effects Material operational permit all applications for the use of pyrotechnics, flame effects, or firework displays 1.4G with an audience of 50 or more spectators and 1.3G shall provide the following information:

- Fully completed Event Emergency Contact form, provided by the *fire code official*.
- Detailed written description of the on-site operation,
- Date of the display, including exact anticipated start and end times. (Date and time of the display shall not be before 8:00 AM or after 10:00 PM Sunday through Thursday, and not before 8:00 AM or after 11:00 PM on Friday and Saturday. The Fire Code Official has the discretion to approve additional times for holidays or special circumstances),
- Written statement certifying that the responding fire department has been notified of the use of pyrotechnics, flame effects, or firework displays 1.4G or 1.3G. Written statement shall include:
 - Date Fire Department was contacted
 - Name of the Fire Department
 - Number called to make notification
 - Fire Department Officials first and last name that was notified
- Site plan indicating the discharge area, fall out radius/area, and spectator area,
- Copy of the proof of insurance compliant with Occupation Code 2154,
- Identifiers for all shooters, assistants, name (first and last), contact numbers, and e-mail address,
- Written description of all products to be used and the Safety Data Sheets for each product,
- Copy of State Licenses for all shooters and proof of identification.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Harris County Texas



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Laurie L. Christensen Harris County Fire Marshal

Subject: Pyroxylin Plastics

Revised April 2025

Purpose: An operational permit is required for storage or handling of more than 25 pounds (11 kg) of cellulose nitrate (pyroxylin) plastics, and for the assembly or manufacture of articles involving pyroxylin plastics.

Fees: \$300.00 Annually

Requirements: An Pyroxylin Plastics permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Pyroxylin Plastics permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Pyroxylin Plastics permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Pyroxylin Plastics operational permit the applicant shall provide the following information:

- Site map identifying all hazardous materials being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a Pyroxylin Plastics operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a Pyroxylin Plastics operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;



- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with International Fire Code (IFC) Chapters 50-67, current adopted edition.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



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Laurie L. Christensen Harris County Fire Marshal



Subject: Refrigeration Equipment

Revised April 2025

Purpose: An operational permit is required to operate a mechanical refrigeration unit or system regulated by Chapter 6 of the adopted fire code.

Fees: \$300.00 Annually

Requirements: A Refrigeration Equipment permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Refrigeration Equipment permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Refrigeration Equipment permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Refrigeration Equipment operational permit the applicant shall provide the following information:

- Site map identifying all hazardous materials being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a Refrigeration Equipment operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a Refrigeration Equipment operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire alarm systems or other gas detection systems at the facility;




- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying storage and use of hazardous materials is in compliance with International Fire Code (IFC) Chapters 50-67, current adopted edition.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



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Laurie L. Christensen Harris County Fire Marshal

Subject: Repair Garages and Motor Fuel-Dispensing Facilities

Revised April 2025

Purpose: Repair garages and motor fuel-dispensing facilities operational permit is required for operation of repair garages and automotive, marine, and fleet motor fuel-dispensing facilities, including fueling with flammable or combustible liquids, liquefied petroleum gases, compressed natural gas, liquefied natural gas, or hydrogen.

Fees: \$300.00 Annually

Requirements: A Repair Garages and Motor Fuel-dispensing Facilities permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Repair Garages and Motor Fuel-dispensing Facilities permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Repair Garages and Motor Fuel-dispensing Facilities operational permit the applicant shall provide the following information:

- Site map identifying the location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a repair garages and motor fuel-dispensing facilities operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a repair garages and motor fuel-dispensing facilities operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s)). This shall include all fire alarm systems or other gas detection systems at the facility;



- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operations;
- Written statement certifying compliance with the adopted fire code and all applicable codes and standards;
- Copy of emergency plan and spill containment plan;
- Written statement certifying training for all employees on emergency plans and spill containment. Records shall be available upon request of the Fire Code Official for review.

Fuel Dispensing:


- Written statement certifying compliance with the adopted fire code and all applicable codes and standards;
- Copy of emergency plan;
- Site/Floor plan for the facility including locations of all exits, emergency shutoff switches, fire sprinkler risers, alarm control panels, fire extinguishers, etc.;
- Letter certifying training for all employees on emergency plans and spill containment. Records shall be available upon request of the Fire Code Official for review;
- Information on the type of fire alarm system and last inspection date;
- Information on the installed sprinkler system and last inspection date;
- Information on any type of alternate fire protection system installed and last inspection date;

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Subject: Rooftop Heliports

Revised April 2025

Purpose: A Rooftop heliports operational permits are required for the operation of a rooftop heliport. Rooftop heliports operational permits shall be renewed every five years.

Fees: \$300.00 quinquennial

Requirements: A Rooftop Heliports permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Rooftop Heliports permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Rooftop Heliports operational permit the applicant shall provide the following information:

- Written statement certifying compliance with Sections 2007.2 through 2007.8 of the 2018 International Fire Code and all other applicable chapters, codes, and standards;
- Detail drawing showing/stating:
 - The touchdown area shall be surrounded on all sides by a clear area having minimum average width at roof level of 15 feet but no width less than 5 feet at any point,
 - The landing areas on structures shall be maintained so as to confine flammable or Class II combustible liquid spillage to the landing area itself, and provisions shall be made to drain such spillage away from exits or stairways serving the helicopter landing area or from a structure housing such exit or stairway,
 - Exits and stairways maintained in accordance with Section 2007.4;
- Written documentation stating that where a building with a rooftop helistop or heliport is equipped with a standpipe system, the system shall be extended to the roof level on which the helistop or heliport is located. All portions of the helistop and heliport area shall be within 150 feet of a 2.5-inch outlet on a Class I or III standpipe;
- Written documentation stating that foam fire-protection capabilities shall be provided for rooftop heliports. Such systems shall be designed, installed and maintained in accordance with the applicable provisions of Sections 903, 904 and 905;



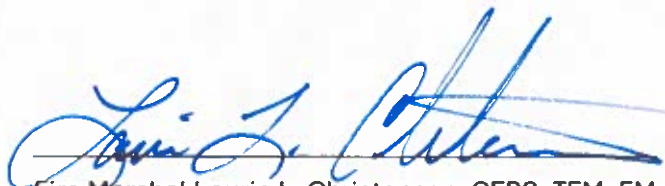
- A minimum of one portable fire extinguisher having a minimum 80-B:C rating shall be provided, and last inspection date;
- A copy of the approval from the Federal Aviation Administration;
- Information on type of fire alarm system installed and last inspection date.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

* * *



Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

*This standard clarifies Harris County's policies and
interpretations for Compressed Gases Permits.*



Laurie L. Christensen Harris County Fire Marshal

Subject: Special Event Permits

Revised April 2025

Purpose: Special Event Permits are required for any organized, temporary event with an estimated number of participants and spectators of 100 or more people set up outdoors in a parking lot, side of the road, open land, or any outdoor premise not normally or intended to be used for an assembly or using a building for an event with an anticipated occupancy load of 50 or more if the building is not permitted and constructed as an assembly occupancy. Additionally, if a building is utilized for any purpose other than the intended occupancy for which the building was approved or constructed, and the temporary use is a higher life hazard, a more hazardous operation, or potential threat to the wellbeing of the anticipated attendants or occupants a Special Event Permit is required. Any venue or premise that has a current outdoor assembly venue permit and is hosting an event that is outside of normal daily operations or hosting an event that is over the normal daily average of attendance by 100 attendees shall obtain a Special Event Permit.

Special Event permits are unique in nature and are approved for a short period. Special Event permits are for a single event and cannot be renewed. Each new event shall require a new application and permit.

It is the responsibility of the applicant for a special event permit to determine if the premise wishing to be utilized for an event is located in unincorporated Harris County or a municipality prior to making application. If it is determined after the issuance of a permit that the permitted premise is inside of a municipality, outside of unincorporated Harris County, or for any other reason, not required to obtain a permit, all fees for issued permit are non-refundable.

Applicability: Special Event Permits are required for the listed types of events. It should be understood that this is not an all-inclusive list and it is the Fire Code Official's authority to determine the types of events or usage of open space land, side of the roadway, parking lot, or building that requires a Special Event Permit.

- Fairs/Carnivals
- Trade Shows/Exhibitions
- Outdoor Craft Shows, Tents Sales, Swap Meets, or Farmers Style Markets
- Concerts – Outdoor or Indoor if in a building not designed or constructed for this purpose and approved for this use
- Cook-offs
- Temporary Outdoor Gatherings
- Bon Fires with anticipated spectators equaling 50 or more
- Haunted houses if set up in buildings not designed, constructed, or intended for this purpose. This permit is only applicable if the haunted house is being utilized 3 or less days in a 7-day period. Each 3-day use shall require a new permit.
- An event at an outdoor assembly venue that temporarily changes the reported daily operations and activity



Fees: Permit Fees are based on anticipated attendees either per single event like a concert or large party, or by aggregate amount over the course of the event like a farmer's market or trade show.

<u>Anticipated Attendees</u>	<u>Fee</u>
50-500	\$200
501-2000	\$400
2001+	\$600

Requirements: Each event permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a fire and life safety inspection has been successfully passed.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions for event permits. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review, and schedule an inspection for when the event is set up and ready to open. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Special Event Permit applications will begin with generalized information. This information will pertain to the event promoter/coordinator/operator/host, event address, event dates, etc. Furthermore, all permit applications will require a written statement describing the event to be permitted. There are some events which will require multiple permits and an application will need to be completed for each type of permit. It should be noted that this standard is written to give generalized information about event permits and upon review of any application, additional information may be requested prior to and to assist with the approval of any permit.

Any event that is anticipated to affect a public roadway including road closures, SHALL have the application, including road closure plans, submitted no later than 90 business days excluding weekends and holidays, prior to the intended start date of the event. The application packet will be forwarded to the Harris County Traffic Division for review and approval. However, it is the responsibility of the event coordinator to contact the Traffic Division, to answer any additional questions or provide further information if needed. **A failure to submit the Special Event application involving public roadway impact, with less than 90 business days' notice may result in the special event application being denied or double permit fees required.**

All other special events which do not anticipate public roadway impact, SHALL have application packet submitted a minimum of 30 business days excluding weekends and holidays, prior to the event start date. **A failure to turn in a completed special event application 30 business days prior to the anticipated start date of the event, shall result in double permit fees. Special event applications submitted 10 business days or less prior to the anticipated start date shall result in denial.**

***** Event must be set up completely 1 hour prior to listed start time *****



When applying for a Special Event operational permit the applicant shall provide the following information:

- Fully completed Event Emergency Contact form, provided by the *fire code official*.
- Detailed written description of the on-site operation including dates and time of operation and the estimated number of attendees for the duration of the event, total.
- Site map identifying all event entrances, fire department access, layout of vendors, rides, cooking locations including LP gas storage or solid fuel storage, access gates, storage areas, tent(s), placement of stages, bleachers, or grandstands, portable toilets, fire extinguisher, temporary structures, all exit signs, water supply (fire hydrants, tanks), first aid stations, medical tent(s), generator locations and all street closures around the event.
- Copy of the site security plan, crowd management plan (*Not fewer than two trained crowd managers, and not less than one trained crowd manager for each 250 persons or portion thereof, shall be provided for the gathering. Outdoor events with fewer than 500 persons in attendance shall not require crowd managers*), an emergency plan to include active shooter, weather, fire, etc., medical and safety plan, compliant with Chapter 4 of the International Fire Code, current adopted edition. In your emergency plan it must be listed who is on-site, in-charge of the event and who has the authority to stop the event. **This plan shall include the statement** “Any law enforcement officer has the authority to shut down the event in the interest of public safety” in addition to the in-charge personnel.
- Written statement identifying number of cylinders, volume of cylinders, amount of LP-gas on-site, type of LP-gas used [Liquid propane (LP) and natural gas].
- Detailed information on the company(s) hired to deliver and install all tents or temporary membrane structure on-site for the event. It is the event host or promoter’s responsibility to ensure that all tents and/or temporary membrane structures utilized as part of an event have been permitted.
- Detailed information on the company(s) hired to deliver and install all special event structures such as stages, bleachers, grandstands or other structures assembled for the use of the event. It is the event host or promoter’s responsibility to ensure that all special event structures utilized as part of an event have been permitted.
- Written documentation stating if alcohol is going to be sold, served, or consumed and date application was submitted to TABC or copy of the TABC caterer’s license.
- Written documentation stating if food is to be served and if application was made to Harris County Public Health.
- Written documentation listing the promoter’s name, address, and contact number.
- Written documentation of the maximum number of persons allowed to attend the event and the plan in place to limit the attendance to that number.
- Written description of each step the event coordinator/ promoter has taken to ensure that minimum standards of sanitation and health will be maintained during the event.
- Written description of all preparations being made to provide traffic control, to ensure that the event will be conducted in an orderly manner, and to protect the physical safety of the persons who attend the event.
- Events using generators or light tower for auxiliary power shall ensure that the equipment is grounded per manufacture’s specifications or proof from the manufacturer that a ground is not required.



generator or light tower shall have a readily available fire extinguisher of the “ABC” type, acceptable to the *fire code official*.

- Events using carnival rides provide annual TDI certificate of inspection for all supplied rides.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Exemptions: The following events do not require application for a special event permit.

- Use of an event center or assembly building for the intended use as designed.
- Sporting events in stadiums or other venues that are designed for such events, OR
- Parades, fun runs, bike rides/races, trail rides, or marathons unless in conjunction with another activity that requires a permit. Approval for road usage or traffic management shall be approved by the Harris County Engineering Traffic Division

Other Permits: Special events permits cover the event and premise where the event occurs including all exits, fire department access, emergency plans, crowd management plans, and security plans. Events which require tents or temporary membrane structures, stages, bleachers, grandstands, or the use of LP gas; additional permits are required.

Vehicles. Events that are set up for or a part of the event includes liquid or gas fueled vehicles being located inside of a building requires a secondary permit for this type of operation. Liquid-or-gas-fueled vehicles or equipment in assembly buildings is an operational permit per the adopted fire code section 105.6.26.

Tents or Membrane Structures. Events that use tents or temporary air supported membrane structures that have an area of 400 square feet or multiple tents with an aggregate area of 700 square feet without required separation require an operational permit per the adopted fire code section 105.6.49.

LP gas. Events where LP gas is used for any purpose shall require a separate permit for LP gas usage per the adopted fire code section 105.6.27.

Temporary Special Event Structures. Any temporary event structure including but not limited to stages, bleachers, grandstands, etc. shall be permitted separately from the event permit per the adopted fire code section 105.7.23.

Mobile Food Units/Food Trucks. If an event includes mobile food units as part of the event, it is the responsibility of the event coordinator to ensure that each mobile food unit is permitted to operate within unincorporated Harris County, per the adopted fire code section 105.6.30.

Pyrotechnics. Any use of pyrotechnics, special effects, or firework displays requires a separate permit per the adopted fire code section 105.6.42. This includes 1.3G displays and 1.4G displays before an audience of 50 or more people.

Outdoor Assembly Venue. Locations set up to host outdoor events regularly as the purpose of a business require annual operational permits per the adopted fire code section 105.6.38. Special event permits are required for these locations only when hosting a single event that extends outside of the designed area of the issued permit, an event that is outside of the normal daily business practices, increases the normal level of activity on the property (i.e. concert venue with a temporary carnival for an event, or an ATV park hosting a concert or other promoted event).

Place of Assembly. Locations set up for gatherings of people including churches, theaters, night clubs, sports stadiums, etc. require annual operational permits per the adopted fire code section 105.6.39.



These venues require special event permits only when a single hosted event is outside of the normal daily business practices, increases the normal level of activity, or changes the designed layout of the facility (i.e. open gathering or meeting rooms transformed into a trade show, farmers market or other mercantile event that uses booths or segmenting the floor space for each separate event).

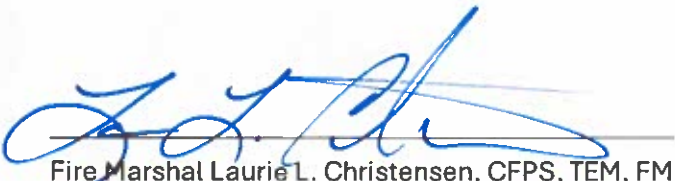
If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

Special Notes: 1) In accordance with Title 9, Chapter 42, Section 42.01, of the Texas Penal Code, it is considered Disorderly Conduct if a person intentionally or knowingly makes unreasonable noise in a public place other than a sport shooting range, as defined by Section 250.001, Texas Local Government Code. A noise is presumed to be unreasonable if the noise exceeds a decibel level of 85 after the person making the noise receives notice from a magistrate or peace officer that the noise is a public nuisance. An offense under this section is a Class C Misdemeanor.

2) Date and time of the events shall not be before 8:00 AM or after 10:00 PM Sunday through Thursday, and not before 8:00 AM or after 2:00 AM on Friday and Saturday. The Fire Code Official has the discretion to approve additional times for holidays or special circumstances.


Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

This standard clarifies Harris County's policies and interpretations for Compressed Gases Permits.



Laurie L. Christensen Harris County Fire Marshal

Subject: Spraying and Dipping

Revised April 2025

Purpose: An operational permit is required to conduct a spraying or dipping operation utilizing flammable or *combustible liquids*, or the application of combustible powders regulated by Chapter 24 of the adopted fire code.

Fees: \$300.00 Annually

Requirements: A Spraying and Dipping permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a hazardous materials permit has been applied for in conjunction with the Spraying and Dipping permit.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Spraying and Dipping permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Spraying and Dipping operational permit the applicant shall provide the following information:

- Site map identifying all hazardous materials being stored, including maximum quantity and storage configuration. Also identify hazardous monitoring locations, location of all on-site fire suppression to include fire pumps, ponds, water supplies, layout of fire lanes, gas meter, and Knox Box if installed. If renewing a spraying and dipping operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- A drawing/ floor plan of building including all entrance and exits, location of paint booths, location of dipping tanks, location of primary and secondary exit routes, locations of fire extinguishers, fire protection system panels, risers, and/or other fire protection control systems and/or panels, etc. If renewing a spraying and dipping materials operational permit and no changes have been made to your facility from previous permit cycle, a written statement claiming no changes have been made can be submitted in lieu of plans;
- Copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;




- Information on types of fire alarm systems installed and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire alarm systems or other gas detection systems at the facility;
- Information on installed sprinkler systems and last inspection date (provide last inspection report or photo of current inspection tag(s). This shall include all fire sprinkler systems at the facility;
- Information on fire extinguishers or any type of alternate (including but not limited to automatic hood suppression, paint booth systems, clean agent) fire protection system installed and last inspection date (provide last inspection report or photo of current inspection tag(s));
- Detailed written description of the on-site operation (retail, manufacturing, storage, use, etc.);
- Copy of the approved/up-to-date Hazardous Materials Inventory Statement;
- A written statement certifying compliance with current adopted edition of the International Fire Code (IFC) Chapter 24 Sections 2404, 2405, 2406, 2407, 2408 based on business practices.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

*This standard clarifies Harris County's policies and
interpretations for Compressed Gases Permits.*



Laurie L. Christensen Harris County Fire Marshal

Subject: Storage of Scrap Tires and Tire Byproducts

Revised April 2025

Purpose: An operational permit is required for storage of scrap tires and tire byproducts to establish, conduct, or maintain outdoor storage of tires, scrap tires and tire byproducts that exceeds one thousand cubic feet of total volume of scrap tires and for indoor storage of tires and tire byproducts. Storage of scrap tires and tire byproducts operational permits shall be renewed on an annual basis or if the pathway or movement through the plant changes.

Fees: \$300.00 Annually

Requirements: A Storage of Scrap Tires and Tire Byproducts permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Storage of Scrap Tires and Tire Byproducts permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Storage of Scrap Tires and Tire Byproducts operational permit the applicant shall provide the following information:

- Written documentation stating that tires and/or byproducts shall be restricted to individual piles not exceeding 5,000 square feet of continuous area. Piles shall not exceed 50,000 cubic feet in height;
- Written documentation stating that there is a clear space of least 40 feet between piles. The clear space shall not contain flammable or combustible material or vegetation. Tire and byproduct storage shall not be located within 10 feet of any property line or building and shall not exceed 6 feet in height when within 20 feet of any property line or building;
- Buildings and structures where the area for the storage of tires and byproducts exceeds 20,000 cubic feet, they shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1;
- Detail drawing of how the tires are to be stored. (Where tires are stored on-tread, the dimensions of the pile in the direction of the wheel hole shall not be more than 50 feet. Tires and byproducts stored adjacent to or along one wall shall not extend more than 25 feet from that wall. Other piles shall not be more than 50 feet in width);
- Fire safety plan including provisions for fire department vehicle access;



- An overall site plan identifying the layout of all fire hydrants on-site, water supply, location of fire extinguishers, and the telephone number of the fire department.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.



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HARRIS COUNTY FIRE CODE STANDARD

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Subject: Temporary Membrane Structures, Temporary Event Structures, and Tents

Revised April 2025

Purpose: An operational permit is required to erect or construct any temporary membrane structure(s) or tent(s) exceeding 400 square feet or multiple membrane or tent structures with a combined area of more than 700 square feet (37 m²) without required separation of 12 feet on all sides. Additionally, all special event structures shall be required to obtain approval and permit prior to being erected or constructed for any purpose.

Definitions: Temporary – Any construction of a building or structure, tent or membrane structures, or any planned event which will be in operation for less than 180 days.

Temporary Membrane Structure – An air-inflated, air-supported, cable or frame-covered structure that is erected or constructed for a temporary use.

Temporary Event Structure – Any ground supported structure, platform, stage, stage scaffolding or rigging, canopy, tower supporting audio or visual effects equipment or similar structures erected or constructed for a temporary use.

Tents – A structure, enclosure, umbrella structure or shelter, with or without sidewalls or drop, constructed of fabric or pliable material supported in any manner except by air or the contents it protects. 10 X 10 popup tents can be clustered together in groups of 4 and must have a 12-foot fire break between each cluster.

Fees: Permit Fees are based type and quantity of structures.

<u>Structure Type</u>	<u>Fee</u>
Temporary Membrane Structure	\$200 each
Tents	\$200 each
10 X 10 Personal popup Tents	\$200 flat
Temporary Event Structure	\$200 each

Requirements: Each temporary membrane structure, temporary event structure, or tents permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, and a fire and life safety inspection has been successfully passed.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions for these permits. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review, and schedule an inspection for when the structures or tents are set up and ready for use. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.



All temporary membrane structures, temporary event structures, or tents the permit applications will begin with generalized information requirements. This information will pertain to the structure or tent provider, event address, event dates, etc. Furthermore, if the temporary membrane structure, temporary event structure, or tent(s) are associated with a Special Event, the permit application shall be accompanied by the project number of the associated Special Event.

All temporary membrane Structures, temporary event structures, and tents associated with a Special Event, SHALL have application packet submitted a minimum of 20 business days excluding weekends and holidays, prior to the event start date. **A failure to turn in a completed application 20 business days prior to the anticipated start date of the event, shall result in double permit fees. All Temporary Membrane Structures, Temporary Event Structures, and Tents application packets shall complete the approval process no later than 10 days before the schedule start date of the event or approval shall not be authorized.**

When applying for a Temporary Membrane Structures, Temporary Event Structures, and Tents operational permit the applicant shall provide the following information:

Temporary Membrane Structure:

- Layout of temporary membrane structure set to include walls, entrance and exits, electrical, fire extinguishers, etc.
- Site map including location of membrane structures, proximity to other structures, locations of fire apparatus access, firefighting water supply, etc.
- Design plan showing anchor points and anchor types.
- Copy of membrane structure certification including UL listing and compliance for fire rating, wind, and weather rating.
- Written description of use of the temporary membrane structure.

Temporary Event Structure:

- Site map including location of the temporary event structures, proximity to other structures, locations of fire apparatus access, firefighting water supply, etc.
- Summary sheet showing building code used, design criteria, loads and support reactions.
- Detailed construction and installation drawings showing entrance and exits, electrical, fire extinguishers, etc.
- Design calculations
- Operating limits of the structure explicitly outlined by the registered design professional including environmental conditions and physical forces.
- Effects of additive elements such as video walls, supported scenery, audio equipment, vertical and horizontal covering.
- Means for adequate stability including specific requirements for guying and cross-bracing, ground anchors or ballast for different ground conditions.

Tents:

- Layout of tent set to include walls, entrance and exits, electrical, fire extinguishers, etc.
- Site map including location of tent(s), cluster count, fire breaks, proximity to other structures, locations of fire apparatus access, firefighting water supply, etc.



If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.

Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal

Subject: Tire Re-building Plants

Revised April 2025

Purpose: Tire-rebuilding plants require an operational permit.

Fees: \$300.00 Annually

Requirements: A Tire Re-building Plants permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Tire Re-building Plants permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for a Tire Re-building Plants operational permit the applicant shall provide the following information:

- Written statement certifying compliance with Chapter 34 of the adopted fire code and all other applicable chapters, codes, standards, regulations, and laws;
- Copy of all safety and emergency plans;
- Drawings/site plans detailing location(s) of where and how tires are to be stored, and the locations of:
 - Fire hydrants,
 - Water supply,
 - Location of fire extinguishers;
- Fire safety plan including provisions for fire department vehicle access. At least one copy of the fire safety plan shall be prominently posted and maintained at the facility;
- Information on any type of alternate fire protection system installed and last inspection date.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.



- Denial:** If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.
- Revocation:** The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.

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Harris County Texas



HARRIS COUNTY FIRE CODE STANDARD

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Laurie L. Christensen Harris County Fire Marshal



Subject: Wood Products

Revised April 2025

Purpose: Wood Products operational permit to store chips, hogged material, lumber or plywood more than 200 cubic feet (6 m³). Wood Products operational permits shall be renewed on an annual basis or if the wood products have changed in their storage/handling arrangements.

Fees: \$300.00 Annually

Requirements: A Wood Products permit will be issued once an application has been completed appropriately, all applicable documents have been uploaded, reviewed, and approved.

Applications will be completed electronically, and all required documentation shall be uploaded electronically. There shall be no paper submissions. Permit application shall be completed and submitted through the approved Harris County software program. Once the application is received along with all required documentation, the Fire Code Official will conduct a review. When the permit process is complete, and authorization is given, the applicant will be notified that the permit is issued, and the duration of the permit will be indicated.

All Wood Products permit applications will begin with generalized information requirements. This information will pertain to the property information/property owner's information/application information/project name.

When applying for an Wood Products operational permit the applicant shall provide the following information:

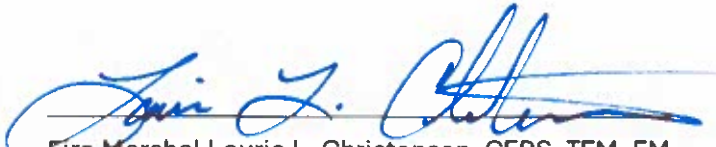
- An overall site plan identifying the entrances, exits to the property, pile locations, windrows, fire extinguisher location, structures on-site layout of fire lanes, water supply;
- A copy of the emergency plan, compliant with Chapter 4 of the International Fire Code, current adopted edition;
- Storing chips and hogging material requires an up-to date log of pile temperature readings for the past 12 months.

If one or more of the requested documents does not apply to your location, please submit in writing a reason for not submitting.

Denial: If it is determined that an application fails to meet the requirements as set forth in this standard or the applicant refuses to provide all required documentation, the fire code official shall not issue a permit, but shall return the application to the applicant with explanation for refusal.



Revocation: The fire code official is authorized to revoke a permit where it is found that there has been false statements or misrepresentation as to the material facts in the application or supporting documentation on which the approval and issuance was based, the permit was issued to a different person or firm than named on the permit, the permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein, or the permit was issued in error or in violation of an ordinance, regulation or this code.



Fire Marshal Laurie L. Christensen, CFPS, TEM, FM
Harris County Texas

