



Forsyth County Fire Department  
**Service through tradition, excellence, and integrity**  
 3520 Settingdown Road | Cumming, Georgia 30028  
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## High-Piled & Rack Storage Permit Application

Tenant Name:			
Address:		Suite:	
City:		State:	
Email:		Zip Code:	

Tenants/Owners for all storage occupancies with high-piled storage use areas must submit this form and a commodity arrangement and racking plan. Additional items, including a sprinkler assessment letter, will be required where the building or space is protected with a fire sprinkler system. The applicable sections for sprinkled buildings are indicated below.

It is important to provide accurate information for the proposed commodities and the arrangement of the storage to apply the appropriate provisions of the fire codes.

The Tenant/Owner is responsible for completing this form and providing all applicable information. A Fire Protection Professional can assist the Tenant/Owner with completing this form.

By signing below, I have acknowledged that I have provided all the required documents and the information provided is accurate to the best of my ability.

Print Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Commodity Description and Classification (per 2018 IFC, 3203):**

Describe product or material being stored, including packaging if applicable: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Commodity Classification (select all that apply):**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Class 1 Commodity | <input type="checkbox"/> Class 4 Commodity | <input type="checkbox"/> Group C Plastics |
| <input type="checkbox"/> Class 2 Commodity | <input type="checkbox"/> Group A Plastics  | <input type="checkbox"/> High Hazard      |
| <input type="checkbox"/> Class 3 Commodity | <input type="checkbox"/> Group B Plastics  |   |

**Storage Area Description:**

- |  |   |                                      |                                  |
|--|---|--------------------------------------|----------------------------------|
| <input type="checkbox"/> Single Row Rack | <input type="checkbox"/> Multi Row Rack | <input type="checkbox"/> Solid Piled | <input type="checkbox"/> Shelf   |
| <input type="checkbox"/> Double Row Rack | <input type="checkbox"/> Moveable Rack  | <input type="checkbox"/> Palletized  | <input type="checkbox"/> Bin Box |

Floor area of proposed storage, including aisles (Sq. Ft.): \_\_\_\_\_  
 Width of aisles:     4 ft.     8 ft.     Other: \_\_\_\_\_  
 Maximum storage height (to top of the box): \_\_\_\_\_  
 Pile Volume (for Solid Piled, Palletized or Shelf Storage): \_\_\_\_\_

Maximum Pile Dimension (for Solid Piled, Palletized or Shelf Storage): \_\_\_\_\_

Indicate shelving type: solid, slatted, mesh, none: \_\_\_\_\_

Transverse Flue Spaces:  Yes  No Dimension: \_\_\_\_\_

Longitudinal Flue Spaces:  Yes  No Dimension: \_\_\_\_\_

Is storage area accessible to the public?  Yes  No

Is commodity encapsulated?  Yes  No

Type of pallets used:  Wood  Plastic

Idle pallets storage inside building?  Yes  No (Indicate location and height on plan.)

### Building Components:

Height of ceiling or underside of roof deck: \_\_\_\_\_

Provide Fire Dept Access Doors per 2018 IFC, 3206.7?  Yes  No

Provide Fire and/or Smoke Detection & Alarm System?  Yes  No

Provide Smoke and Heat Vents?  Yes  No

Provide Mechanical Smoke Removal?  Yes  No

Provide Curtain Boards or Draft Curtains?  Yes  No

Provide Automatic Sprinkler System?  Yes  No  New  Existing

Sprinkler system description (ESFR, CMSA, CMDA): \_\_\_\_\_

Sprinkler System Design Density (gpm/square foot): \_\_\_\_\_

Distance from top of storage to sprinkler deflector: \_\_\_\_\_

Provide In-Rack Sprinklers?  Yes  No

Provide Small Hose Connections?  Yes  No

Provide Column Protection?  Yes  No

### Additional Required Information

#### Rack Storage Plan

- Provide dimensioned plan, profile & cross section drawings of the racks and storage area. See *High-Piled Combustible Storage Plan Review Checklist* for additional required information.
- Indicate location and height of idle pallet storage on the plan and required sprinkler protection per 2019 NFPA 13, 20.14.

#### Sprinkler Assessment Letter

The Fire Protection Professional (Fire Sprinkler Contractor or Fire Protection Engineer) must provide a Sprinkler Assessment Letter. In some cases, a report from a FPE may be required. At a minimum, the assessment letter shall address the following:

- Indicate the commodity classification per NFPA 13 based on the information provided.
- Indicate the required sprinkler design density, the appropriate code sections and tables must be referenced.
- Indicate whether the existing sprinkler system design meets or exceeds the required sprinkler design density, the existing design information must be provided (can be obtained on the hydraulic placard).
- Provide recommendations for code compliance where the existing sprinkler system does not meet the required sprinkler design density.