



TRAVIS COUNTY ESD 2

HIGH-PILED STORAGE PERMIT

REQUIREMENTS [PER SECTION 105.5.24 OF THE 2021 IFC]

An operational permit is required to use a building or portion thereof with more than 500 square feet, including aisles, of high-piled combustible storage.

PERMITTING

Submit your application for a high-piled storage operational permit by going to our online portal at PFDPermits.com:

- Login or register for an account.
- Once you have signed into the portal, select:
“Apply for New Construction Permit & Submit the First Plan Set”.
- Complete the form and select “High-Piled Storage” for the Plan Type.
- Upload the required plans and documentation and submit the project.

*Contact PlanFiles@PflugervilleFire.org if you have any questions regarding the submittal process.

CONTACT

<https://www.txfpa.org/Need-Help> to find qualified consultants to assist in determining commodity classification and/or providing a fire sprinkler analysis.

GUIDELINES

Below are the basic guidelines for a high-piled storage plan submittal to our office. These guidelines are not all-inclusive; additional requirements may apply based on the specific commodities and storage conditions at the facility.

CEILING HEIGHT	Dimension	Show dimensions for the ceiling height in the warehouse.
STORAGE HEIGHT	Identify	Identify the <i>maximum</i> anticipated height of storage in the warehouse.
SMOKE AND HEAT VENTS	Yes or No	Indicate whether the facility is provided with smoke and heat vents. If so, identify the location of these on the drawings.
ENGINEERED DRAWINGS	Racks >12'H	Provide engineered drawings for storage racks exceeding 12-feet in height.
FLOOR PLAN	Include	<ul style="list-style-type: none"> • The location of all storage racks • The length, height, and width of storage racks • The aisle spacing between and around storage racks • The floor area (square feet) for the portion of the building dedicated to rack storage. • The location and dimensions of transverse and longitudinal flue spaces • The types of racks provided (i.e. single, double, and/or multi-row) • The type of pallets that will be used in the rack storage (i.e. wood, metal, or plastic) • A note stating whether shelving will be solid or grated

GUIDELINES [CONT.]

ADDITIONAL VIEWS	Provide	<ul style="list-style-type: none"> • A side/end and section view for each type of rack utilized • The location and dimensions of transverse and longitudinal flue spaces • The dimension between the top of the storage and the sprinkler deflectors - verify a minimum of 36-inches of clearance
FLUE SPACES	Method of Protection	A method must be provided to protect flue spaces from becoming obstructed with storage. Include a note on the drawings explaining how this will be accomplished.
TECHNICAL REPORT	Provide	<ul style="list-style-type: none"> • A technical report prepared by an approved fire protection consultant or fire protection engineer.
	Identify	<ul style="list-style-type: none"> • The materials to be stored and provide the corresponding commodity classification in accordance with Chapter 32 of the IFC. The commodity classification must account for the product, its packaging, and the pallet type, including whether items are cartoned or un-cartoned and whether products will be encapsulated.
	Include	<ul style="list-style-type: none"> • Analysis which verifies the storage arrangement and sprinkler protection comply with Chapter 32 of the 2021 IFC and NFPA 13 Standard.

