



## DEKALB COUNTY FIRE RESCUE DEPARTMENT

*Darnell D. Fullum Director/Fire Chief*

*Fire Marshal Division-Chief Joseph Cox, Fire Marshal  
330 West Ponce De Leon Avenue, Decatur, Georgia 30030*

Phone: 404-371-2776 Fax: 404-687-2430



The approval of your space is determined by the commodities and storage arrangements at your location.

**“High-Piled Combustible Storage”** (High Piled Combustible Storage is defined as “any combustible materials in closely packed piles or combustible materials on pallets, in racks or on shelves, where the top of the storage is greater than 12 feet in height”)

1. If no high-piled combustible storage exists then indicate that no “High-Piled Combustible Storage exists” on plans and resubmit for review.
  - a. Show racking or pile locations on plans
  - b. Description of commodities stored
  
2. If yes on high-piled combustible storage, please ensure the following is on the plans.
  - a. Floor plan of the building showing locations and dimensions of high-piled storage areas.
  - b. Usable storage height for each storage area.
  - c. Number of tiers within each rack, if applicable.
  - d. Commodity clearance between top of storage and sprinkler deflector for each storage arrangement.
  - e. Aisle dimensions between each storage array.
  - f. Maximum pile volume for each storage array.
  - g. Location and classification of commodities in accordance with 2012 IFC, Section 3203.
  - h. Location of commodities which are banded or encapsulated.
  - i. Location of required fire department access doors.
  - j. Type of fire detection and fire suppression systems
  - k. Location of valves controlling the water supply of ceiling and in-rack sprinklers.
  - l. Type, location and specifications of smoke removal and curtain board systems.
  - m. Dimensions of transverse and longitudinal flue space.

3. If yes on high-piled commodity have a Georgia licensed sprinkler designer evaluate your commodities and sprinkler arrangement to determine if adequate coverage by the sprinkler system is met. If the sprinkler system cannot accommodate the commodities storage arrangement take direction from the sprinkler designer on how to proceed. Please provide a letter from the sprinkler designer regarding this request.

- **2012 IFC - 104.7.2 Technical assistance.** *To determine the acceptability of technologies, processes, products, facilities, materials and uses attending the design, operation or use of a building or premises subject to inspection by the fire code official, the fire code official is authorized to require the owner or agent to provide, without charge to the jurisdiction, a technical opinion and report. The opinion and report shall be prepared by a qualified engineer, specialist, and laboratory or fire safety specialty organization acceptable to the fire code official and shall analyze the fire safety properties of the design, operation or use of the building or premises and the facilities and appurtenances situated thereon, to recommend necessary changes. The fire code official is authorized to require design submittals to be prepared by, and bear the stamp of, a registered design professional.*

Thank you,

Anthony J. Hicks- Fire Plans Examiner  
[ajhicks@dekalbcountyga.gov](mailto:ajhicks@dekalbcountyga.gov)

Michael Fridie- Fire Plans Examiner  
[mfridie@dekalbcountyga.gov](mailto:mfridie@dekalbcountyga.gov)