



## GWINNETT COUNTY DEPARTMENT OF PLANNING AND DEVELOPMENT

### FIRE PLAN REVIEW

446 West Crogan St. Suite 150 Lawrenceville, GA 30046  
Inspection Request: (678) 518-6277, Office: (678) 518-6000, Fax: (678) 518-6144

### RACK STORAGE PERMITTING REQUIREMENTS

In an effort to assist customers with rack storage permits and expedite the process, Gwinnett County Fire Plan Review requires the following items for proper plan submittal.

***\*Note: Commodity classes' I-IV may be stocked up to a maximum of 12 feet to the top of the product, not the rack level, without a rack permit from Fire Plan Review. Check with your local building official for their requirements.***

1. If you are within unincorporated Gwinnett County, (i.e. not within a city jurisdiction) make application from Gwinnett County Planning & Development. 678.518.6000. If within a city jurisdiction, proceed directly to Fire Plan Review.
2. Complete a Storage and Industrial Occupancy Commodity Affidavit Form and High Piled Storage Racking Permit Form that are located on our website. The commodity affidavit (signed by a company officer) shall describe the commodity that is being stored, how it is packaged, the maximum storage height (*top of the box*), if stored on pallet racks or shelves and if shelves are solid or wire mesh.
3. Provide information on plastics and hazardous materials. Complete a H.M.I.S. (Hazardous Materials Inventory Sheet if required) located in Hazardous Materials Section on our website, if hazardous materials are going to be stored. Otherwise, state "No hazardous materials will be stored" on the commodity affidavit.
4. Provide scaled floor plans of the building highlighting the designated storage area and label all areas as to their use. If racks are used, then show aisle widths.
5. Show elevations of the racks with storage height dimensions. Note: Four feet will automatically be added to the top shelf to determine storage height.
6. Provide information on how product is stored? (i.e. wood pallets, plastic pallets, shelves, wire mesh).
7. Provide information on how product is packaged? (i.e. boxes cartons, containers, pallet loads shrink-wrapped?)
8. If the building has a sprinkler system, document the density. (.00/0000) (This can be found on the sprinkler riser).
9. Provide temperature of sprinkler heads in storage area.
10. If ESFR sprinklers are used, give specifications including (operating pressure, roof deck height, and K-Factor / orifice size).
11. Determine the building height.
12. Provide 1 ½ Inch Hose Connections if Storage is over 12 Feet.

*Note 1: Racking Approval is required before inventory can be placed on the racks.*

*Note 2: Additional emergency lighting and exit signs may be required upon field inspection.*