



**TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT
DIVISION OF BUILDING**

One Manitton Court, Islip, New York 11751

Administration.....631-224-5464	Plumbing.....631-595-3756
Permits.....631-224-5466	Records/Inspections...631-224-5470
Plans Examiner.....631-224-5467	Zoning.....631-224-5438

2020 NYSFC HIGH PILE / RACK QUESTIONNAIRE

2020 NYSFC Chapter 32 and NFPA 13 2016

All new or modified high piled storage systems require a building permit. This questionnaire must be filled out in its entirety. The information on this form must be included on the rack structural drawings along with all design loads including vehicle impact loads and anchorage as per NYSBC Chapters 16 and 22. The plans must be signed and sealed by a Registered Design Professional (RDP).

Business Name _____	
Business Address _____	
Street	City
State	Zip Code
Business Phone Number () _____	
Business Fax Number () _____	
Name and person responsible for information contained within this questionnaire (must be the same person who signed/sealed the rack structural plans):	
_____	_____
Firm	Phone #
_____	_____
Print Name	Signature

<u>Commodity Information</u>
*Commodity Class: _____ Source: <input type="checkbox"/> 2020 NYSFC <input type="checkbox"/> NFPA (13-2016)
*Will you be storing plastics? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please fill out the following section below:
1. <input type="checkbox"/> Group A <input type="checkbox"/> Group B <input type="checkbox"/> Group C
2. Percentage of plastic in storage: _____ %
3. Is the plastic packaged: <input type="checkbox"/> Expanded <input type="checkbox"/> Non-Expanded <input type="checkbox"/> Free Flowing
4. How is the plastic packaged: <input type="checkbox"/> Exposed <input type="checkbox"/> Cartoned
5. How is the plastic piled: <input type="checkbox"/> Stable <input type="checkbox"/> Unstable
6. Aerosols to comply Chapters 51 & 50 2020 NYSFC & NFPA 30B 2015: <input type="checkbox"/> Yes <input type="checkbox"/> No
*Provide commodity classification list

Height Information

1. Maximum storage height possible by building design: _____ Feet
2. Clear ceiling height – floor to bottom of roof deck: _____ Feet
3. Clear height – floor to bottom of structural supports for roof: _____ Feet
4. Commodity clearance between top of storage and the sprinkler deflector: _____ Feet

Method of Storage – Check all that Apply

- Encapsulated in Plastic Non-Encapsulated Wooden Pallets Plastic Pallets
- On Racks With Solid Shelves On Racks Without Solid Shelves Bin Box
- Solid Pile Movable Racks Automated Racking – Carousel Storage Record Storage
- Other: _____ Other: _____

Provide the Following Data

- Type of Racks: Single Row Double Row Multiple Row
- Height of Racks: _____ Feet Depth of Racks: _____ Feet Width of Racks: _____ Feet
- Aisle Width Between Racks: _____ Feet
- Size of Longitudinal Flue Space: _____ Inches
- Size of Transverse Flue Space: _____ Inches

Storage Areas

- Gross Square Footage of Entire Building or Tenant Space: _____
- Gross Square Footage of High-Piled Storage Areas Only - #1: _____
- Gross Square Footage of High-Piled Storage Areas Only - #2: _____
- Gross Square Footage of High-Piled Storage Areas Only - #3 (if applicable): _____

Fire Protection

- Is the Facility Sprinklered Throughout? Yes No
- Is a Smoke Detection System Required or Provided? Yes No
- *Are Area Access Roadways within 150 Feet of All Portions of the Exterior Walls? Yes No
- *Are Access Doors Provided Every 100 Lineal Ft on All Exterior Walls? Yes No
- Are Keyed Access Locks for Fire Dept. Emergency Entry provided on All Exterior Doors? Yes No
- Are Draft Curtains Required? Yes No
- Is Mechanical Smoke Removal Required? Yes No
- *Provide Site Plan

High-Piled/Rack Combustible Storage

(Reference 2020 NYSFC Chapter 32)

COMPLETE A SEPARATE FORM FOR EACH STORAGE ARRAY:

Location on plan: _____

Commodity & Packaging Description (Ref. 2020 NYSFC 3203): _____

Class: _____ Plastic Group:** _____ Mixed Separated

Building Fire Sprinklered

Yes No If yes, provide system design information. System installed (approx. date): _____

Fire Sprinkler Spacing (ft/2): _____, Design Density (ft/2) _____, Design Area (ft/2) _____

Storage Type/Method

Solid Piled _____% Palletized _____% Rack _____% Shelf _____%
 Bin Boxes _____% Compartmented Locations addressed and dimensioned on plans

Rack

Single Row Double Row Multiple Row Open Shelve Solid Shelve Movable
 Portable Carousel Horizontal Barriers Column protection required (supporting walls & inside)
 Flue Spacing in inches: Longitudinal: _____ Transverse: _____ (Ref. 3208.3 2020 NYSFC).

Storage Aids

Pallet, type: Conventional Slat Wood Plastic Encapsulated
 Banded Solid Pile, Type: Pallet Dunnage Separator Skids
 Other: _____

Pile

Closed Array Open Array Stable Unstable
Pile Dimensions: _____ Pile Heights: _____ Pile Separation: _____ Ft. (Ref. 2020 NYSFC 3207)

Paper

Records Role On-End Flat Arrays Closed Open
 Standard Heavyweight Lightweight Tissue Banded Other _____

Roof Support

Construction Details: _____

Maximum Available Storage Height: _____ Ft. _____ in., Smoke/Heat Vents Draft Curtains Available
(If separated with more than one design, address each commodity separately with another sheet).

Minimum Aisle Width: _____ Modified densities for storage height (NFPA 13-2016)

Incorporating ESRF's Aggregate Area (ft/2) of High Pile Storage (Ref.2020 NYSFC 3206.2) + 15'-0" or 1- Hour walls: _____ ft/2.

Opening(s) in separation walls (Ref. 2020 NYSFC 3206.3.2.1 With Protected Openings) YES NO

Building Requirements

Requires Building Access (2020 NYSFC 3206.6) Requires Smoke Heat Vents (2020 NYSFC 910)