

COMMERCIAL WAREHOUSE SYSTEMS, INC

Material Handling Consulting: High Piled Storage Analysis: Building Code and Fire Code Consultants

Please complete the following high pile commodity questionnaire to the best of your knowledge for each storage area (Ambient / Dry, Cooler, Freezer or Room).

Hazardous materials classifications (i.e. flammable or combustible liquids, corrosives, toxics, oxidizers, reactives, water reactives and aerosols) are outside of the high pile scope of work and is a separate review. It is critical that the information supplied herein is correct.

Company Name _____ Date _____

Project Address _____ Name and Title of Preparer _____

Site Contact _____ Site Contact Phone _____

1. Please provide a detailed description of the products that will be stored in the racking or bulk stored on the floor. For each item, please include a description of the packaging (i.e. corrugated cartons), Interior packaging (i.e. paperboard dividers, foam protective packaging, polyethylene bag, etc.)

DESCRIPTION	RACK	BULK FLOOR

2. Are plastic items being stored? Yes _____ No _____
a. If yes, are they expanded _____ (foam) or unexpanded _____ (hard or high density)
b. If yes, are they cartoned (fully enclosed) _____ or not cartoned _____ (not fully enclosed or exposed)
c. Please describe what is being stored: _____
3. Is the product encapsulated (Stretch wrapped over the top) Yes _____ No _____
4. What are your typical pallet dimensions? _____" wide x _____" deep _____" high
5. What is your storage height? (top of pallet-highest storage on racks or floor) Rack _____ Floor _____

**P.O. BOX 390
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6. Are your pallets wood or plastic? Wood Plastic
a. If plastic, please provide:
i. Manufacturer name and model: _____
ii. UL or FM listing: _____
7. Will you use any of the following in your pallet racks?
a. Wire decks: Yes No
b. Solid Shelves: Yes No
c. Perforated Decks: Yes No
d. Pallet Supports: Yes No
8. What is the height of your ceiling? (finished floor to plywood or insulation at the highest point of the warehouse (ridge line) _____
What is the height of your ceiling at the lowest point of the warehouse? _____
9. Is the warehouse accessible to the public? Yes No
10. Existing ceiling sprinkler information: (Can be found on the sprinkler riser data plate and spare sprinkler head cabinet)
a. Is the sprinkler design ESFR? Yes No What is the K factor _____ Temp rating: _____
b. If ESFR, what is the starting pressure? _____
Control Mode Systems
c. Sprinkler design: _____ gpm Design Area _____ sq.ft.
d. Temperature rating (from sprinkler head) _____
11. Are there existing smoke vents in the building? Yes No If yes, how many? _____
a. Temperature rating of fusible link? _____
12. Does the building have mechanical smoke ventilation instead of smoke vents? Yes No
13. Are fire department access roads shown on your site plan? Yes No
14. Is your building equipped with emergency lighting and directional exit signs? Yes No
15. What size are the aisles between your racks? _____
16. If you are providing building drawings, please make sure the following items are shown on your drawings.
a. Location of sprinkler risers in the building
b. Your elevation drawing needs to show your typical pallet size on the top beam.
c. Pull stations for your fire alarm system.
d. Size and location of existing fire extinguishers
17. Please provide the following information about the building and owner:
a. Construction type: _____
b. Occupancy group: _____
c. Building Owner: Name: _____
Address _____
City, State, Zip: _____
Contact Name: _____
Contact Phone: _____
Contact e-mail: _____

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