



CITY OF TUALATIN
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COMBUSTIBLE STOCK STORAGE QUESTIONNAIRE

(Please print the information clearly.)

Business Name: _____

Business Address: _____

The purpose of this questionnaire is to assist the Building Division in determining the Fire Code requirements for the storage of "High Piled Combustible Stock" at your facility. These requirements will be based on the 2004 OSSC, 2004 Oregon Fire Code Article 81 and NFPA 231, 231C and 231D. This form should be completed and signed by a qualified person having the necessary code knowledge required for Combustible Stock Storage, e.g., architect or engineer of record, code consultant, insurance underwriter or fire protection engineer.

1. Commodity Class: _____ Source: UFC _____ NFPA _____
 Class I, II, III, IV, High Hazard (V) (lowest to
 Aerosol Level III: Yes No highest): _____

(If commodity is plastic, also complete Attachment A)

2. Description of storage *(if additional space is needed, attach additional page)*: _____

Public/Private areas: _____

3. Maximum height of storage: _____ feet (distance from floor to top of commodity)

4. Method of storage *(check all that apply)*:

- | | |
|---|---|
| <input type="checkbox"/> Encapsulated in plastic | <input type="checkbox"/> Non-encapsulated |
| <input type="checkbox"/> Wooden pallets | <input type="checkbox"/> Plastic pallets |
| <input type="checkbox"/> On racks with solid shelves | <input type="checkbox"/> On racks without solid shelves |
| <input type="checkbox"/> Bin box made of: <i>(check one)</i> | <input type="checkbox"/> Solid pile that is: <i>(check one)</i> |
| <input type="checkbox"/> metal <input type="checkbox"/> wood <input type="checkbox"/> plastic | <input type="checkbox"/> stable <input type="checkbox"/> unstable |

5. Types of racks: *(check all that apply)*

- single row double row multiple row

6. Area of storage:

- | | | |
|---|--|--|
| <input type="checkbox"/> 0 – 500 sq ft | <input type="checkbox"/> 12,000 – 20,000 sq ft | <input type="checkbox"/> 300,001 – 500,000 sq ft |
| <input type="checkbox"/> 501 – 2,500 sq ft | <input type="checkbox"/> 20,001 – 100,000 sq ft | <input type="checkbox"/> 500,001 sq ft and over |
| <input type="checkbox"/> 2,501 – 12,000 sq ft | <input type="checkbox"/> 100,001 – 300,000 sq ft | <input type="checkbox"/> 2 hour separation |

7. Sprinkler information:

- a. Sprinkler density: _____ b. Rack sprinklers? Yes No
- c. Temperature rating of sprinkle head in: Ceiling Racks
- d. Fire hose stations and hose connections: Yes No Number required: _____ Size: _____
- e. Fire flow worksheet completed: Yes No Design cross-checked: Yes No
- f. Class 1 standpipes required: Yes No

8. Building height: _____ feet 9. Distance from top of storage to fire sprinkler deflector: _____ feet
10. Smoke/Heat vents: Yes No Ratio: _____ square feet
11. Draft curtains: Yes No _____ sq ft sections Depth: 4 feet 6 feet 8 feet
12. Column/Wall fire protection required: Yes No Additional fire sprinkler heads: Yes No
 Protected by listed/tested assembly: Yes No Description: _____
-
13. Aisle width between racks and storage: _____ feet
14. Smoke detection system: Yes No
15. Maximum cubic feet per pile: (*choose one*)
 0 – 50,000 cubic feet 100,001 – 200,000 cubic feet
 50,001 – 100,000 cubic feet 200,001 – 400,000 cubic feet
16. Access roadways within 150-feet of all portions of exterior walls: Yes No
17. Access doors provided every 100 lineal feet on exterior walls which face access roadway: Yes No
18. Alternate materials/methods requested: Yes No

Owner/Tenant Name: _____

Signature: _____

Title: _____ Phone: _____ Fax: _____

Architect/Engineer of Record: _____

Signature: _____

Title: _____ Phone: _____ Fax: _____