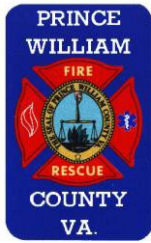


OPERATIONAL PERMIT APPLICATION STORAGE AND PROCESSING OF WOOD WASTE PRODUCTS



**PRINCE WILLIAM COUNTY
DEPARTMENT OF FIRE AND RESCUE
FIRE MARSHAL'S OFFICE
5 COUNTY COMPLEX CT. SUITE 160
PRINCE WILLIAM, VA 22192**
(703) 792-6360 office (703) 792-6492 fax
WWW.PWCGOV.ORG/FIRE

Permit Number:
Date Issued:
Expiration Date:

I. Instructional Section

1. Please review this application thoroughly, fill out all requested information and submit with all necessary attachments to the Prince William County Fire Marshal's Office at the above address or PWCFMOFOP@pwcgov.org.
2. A permit fee of \$346.77 is required at the time of application submittal. Checks can be made out to "Prince William County". Credit cards are accepted over the phone.
3. Prince William County Storage and Processing of Wood Waste Products Permits are good for 12 months from date of issuance.
4. A review of this application packet will be conducted, and an onsite inspection will be made at the time of permit delivery to verify that it meets all requirements.

II. Informational Section

Location Information

Name of Business:	
Street Address of Location:	
Name of Applicant:	
Address of Applicant:	Email of Applicant:
Emergency Contact Name (after hours):	Emergency Contact Number:

III. List of Required Documents and Items

- ✓ Site Plan
 - Showing Pile Sizes and fire department access roads
- ✓ Completed application

OPERATIONAL PERMIT APPLICATION

STORAGE AND PROCESSING OF WOOD WASTE PRODUCTS

Carefully review the following:

The Storage and Processing of Wood Waste Products in Prince William County are regulated by the following sources:

- Virginia Statewide Fire Prevention Code Chapter 28 (2021 edition)

Applicable Code Sections:

- *VSFPC 107.2* Permits may be required by the fire official as permitted under the SFPC in accordance with Table 107.2.
- *VSFPC 107.4* Before a permit is issued, the fire official shall make such inspections or tests as are necessary to assure that the use and activities for which application is made comply with the provisions of this code.
- *VSFPC 107.7* Plans approved by the Fire Official are approved with the intent that they comply in all respects to this code. Any omissions or errors on the plans do not relieve the applicant of complying with all applicable requirements of this code.
- *VSFPC 108.4* the Fire Official may revoke a permit or approval issued under the SFPC if conditions of the permit have been violated, or if the approved application, data, or plans contain misrepresentation as to material fact.
- *VSFPC 2803.3* Sawmills, planing mills, and other woodworking plants shall maintain waste removal systems that collect and remove sawdust and shavings. Such systems shall be maintained in accordance with Chapter 22 and comply with the applicable building code. Exception: Manual waste removal when approved.
- *VSFPC 2803.3.1* Provisions shall be made for systematic and thorough cleaning of the entire plant at sufficient intervals to prevent the accumulation of *combustible dust* and spilled combustible or flammable liquids.
- *VSFPC 2803.6* Fire apparatus access roads shall be provided for buildings and facilities in accordance with Section 503. (Fire Apparatus Access Roads)
- *VSFPC 2803.7* Where storage pile configurations could change because of changes in product operations and processing, the access plan shall be submitted for approval where required by the fire code official.
- *VSFPC 2808.2* Storage sites shall be level and on solid ground, elevated soil lifts or another all-weather surface. Sites shall be thoroughly cleaned before transferring wood products to the site.
- *VSFPC 2808.3* Piles shall not exceed 25 feet (7620 mm) in height, 150 feet (45 720 mm) in width and 250 feet (76 200mm) in length. Stackable products shall not be stacked in excess of 25 feet (7620 mm) in width and 250 feet (76 200 mm) in length.
- *VSFPC 2808.3.1* Piles or stackable products are permitted to be increased beyond the dimensions in Section 2808.3 provided that a written fire protection plan is approved by the fire code official. The fire protection plan shall include, but not be limited to the following:
 1. Contact information for after-hours response by facility personnel.
 2. Storage yard areas and material-handling equipment selection, pile design and arrangement shall be based on sound safety and fire protection principles.
 3. Fire apparatus access roads around the piles or stacks and access roads to the top of piles, if applicable, shall be established, identified, and maintained.
 4. The potential for spontaneous heating shall be evaluated and provisions made to control the temperature of the piles. Methods for monitoring the internal temperature of the pile shall be provided.
 5. Routine yard inspections shall be conducted by trained personnel.
 6. A means for early fire detection and reporting to the public fire department shall be provided.
 7. Facilities and equipment needed by the fire department for fire extinguishment shall be

OPERATIONAL PERMIT APPLICATION STORAGE AND PROCESSING OF WOOD WASTE PRODUCTS

provided, including a water supply in compliance with Section 507 and heavy equipment necessary to move material.

8. A de-inventory plan shall be utilized to remove alternating piles or stacked products in a manner to increase the separation distances between the remaining piles or stacks.
 9. The increased pile size shall be based on the capabilities of the installed fire protection systems and features.
- Additional fire protection called for in the plan shall be provided and shall be installed in accordance with this code. The increase of the pile size shall be based on the capabilities of the installed fire protection systems and features.
 - *VSFPC 2808.4* Piles or stacked product shall be separated from buildings, property lines and adjacent piles or stacks by a distance of not less than one and one-half times the height of the pile or stack. The distance between rows shall be a minimum of 30 feet (9144 mm). Approved fire apparatus access roads shall be provided within the separation space in accordance with Section 503.
VSFPC 2808.5. The storage, accumulation and handling of combustible materials and control of vegetation shall comply with Chapter 3.
VSFPC 2808.6 Static piles shall be monitored by an *approved* means to measure temperatures within the static piles. Internal pile temperatures shall be monitored and recorded weekly. Such records shall be maintained. An operational plan indicating procedures and schedules for the inspection, monitoring and restricting of excessive internal temperatures in static piles shall be submitted to the *fire code official* for review and approval.
 - *VSFPC 2808.7* Automatic sprinkler protection shall be provided in conveyor tunnels and combustible enclosures that pass under a pile. Combustible conveyor systems and enclosed conveyor systems shall be equipped with an approved automatic sprinkler system. These systems shall be maintained in accordance with Chapter 9. Note: Systems regulated by the USBC must comply with the applicable building code.
 - *VSFPC 2808.8* Portable fire extinguishers complying with Section 906 and with a minimum rating of 4-A:60-B:C shall be provided on all vehicles and equipment operating on piles and at all processing equipment.
 - *VSFPC 2808.9* *Approved* material handling equipment shall be available for moving wood chips, hogged material, wood fines and raw product during fire-fighting operations.
VSFPC 2808.10 The *owner* or operator shall develop a plan for monitoring, controlling and extinguishing spot fires and submit the plan to the *fire code official* for review and approval.

The above references only list the most commonly used code sections for operational permit inspections. Depending on the application and installation other code sections could apply.

Applicant Signature:	Date:
FMO Reviewer:	Date: