

County of Shenandoah



DEPARTMENT OF BUILDING INSPECTIONS
Shenandoah County Government Center
600 N. Main Street, Suite 107
Woodstock, VA 22664
540-459-6185

DEMOLITION PERMIT APPLICATION PACKET

SHENANDOAH COUNTY DEMOLITION GUIDE

1. Before submitting this application to obtain a demolition permit you must have all utilities cut off and removed from the premises. The service provider shall issue supporting documentation stating that their utilities have been removed. Utilities shall include electric, water, sewer, gas, cable, & telephone.
2. If your demolition project is intended for residential use only, you should read the brochure in this packet from the Department of Labor & Industry. Also contact Mr. Richard (Doug) Wiggins with VA Dept. of Labor & Industry. You can reach Mr. Wiggins at 540-562-3580 ext. 131 or email him at wiggins.doug@dol.gov.
3. If your project is intended for commercial use, you need to find out the date that the structure was constructed. If the date is before January 1, 1985, the area in which the demolition is to take place needs to be tested for asbestos containing materials. This test is to be done by a certified lab which tests the materials by Transmission Electron Microscopy analysis (TEM). If the materials do in fact contain asbestos then proper abatement is required and to be done by a VA licensed contractor certified to remove the asbestos containing materials. The lab results are to be submitted at the time of application even if no asbestos containing materials are found in conjunction with the attached asbestos notice form. To satisfy state and federal regulations, you must comply with their regulations. Contact Mr. Wiggins at the referenced information above.
4. If asbestos containing materials are found in the structure, a VA licensed contractor certified to remove the asbestos is required to submit for an asbestos removal permit application to this department. Once the asbestos containing materials are removed with clearance levels of 0.01 or fewer by PCM or 70 or fewer by TEM, proper documentation stating that ALL asbestos containing materials have been removed shall be submitted in conjunction with that attached removal certification form.
5. If no asbestos is found in the lab results or removal certification form is submitted, a demo permit can be applied for.
6. Once the structure has been completely demolished, a final inspection by the Shenandoah County Building Department is to be scheduled.
7. The Shenandoah County Landfill does not accept ANY materials containing asbestos or any other product prohibited by their DEQ permit. Please contact the Shenandoah County Landfill for information on the disposal of the construction materials at 540-984-8573.

Virginia Department of Labor & Industry Asbestos FACT Sheet



Asbestos Containing Materials

Asbestos is the name given to a group of naturally occurring minerals used in certain products to resist heat and corrosion. Common products that contain asbestos include, but are not limited, to pipe and boiler insulation, spray-on insulation, floor tiles, ceiling tiles, patching and joint compound, roofing material and transit shingles and siding.

The primary characteristic that makes asbestos a concern is its ability to separate into microscopic needle-like fibers. Once these fibers become airborne, (usually by disturbing the product in which they are contained), they can be inhaled into the lungs. The inhalation of asbestos fibers can cause serious diseases of the lungs and other organs that may not appear until years after the exposure has occurred.

Background

The Virginia Department of Labor and Industry (DOLI) has comprehensive regulations to control the hazards of asbestos. DOLI regulates asbestos through enforcement of the Virginia Occupational Safety and Health (VOSH) regulations, enforcement of the U.S. Environmental Protection Agency's (EPA) Asbestos National Emission Standard for Hazardous Air Pollutants (Asbestos NESHAP), and enforcement of the Asbestos Notification regulations found in the Labor Laws of Virginia.

VOSH Asbestos Regulations

The State Plan agreement between the Federal Occupational Safety and Health Administration (OSHA) of the U.S. Department of Labor and Virginia gives DOLI authority to regulate occupational safety and

health for construction related activities. The VOSH Asbestos Construction standard, Part 1926.1101, regulates exposure to asbestos during demolition activities when asbestos containing material (ACM) is present, removing or encapsulating ACM, and renovation operations where ACM is present or could be potentially disturbed.

Asbestos NESHAP

The EPA established the Asbestos NESHAP as part of the Clean Air Act to protect the general public by minimizing the release of asbestos fibers when buildings or facilities which contain ACM are demolished or renovated. DOLI has been authorized by the EPA to provide direct enforcement in Virginia of certain parts of the Asbestos NESHAP including demolition and renovation activities.

Asbestos Contractor Notification Requirements

DOLI's Asbestos Notification and Permit Program regulations require written notification by licensed asbestos contractors for any asbestos abatement project that is at least ten linear or ten square feet. A notification is not required for nonfriable asbestos containing roofing, flooring, or siding materials which when installed, encapsulated, or removed do not become friable. Notifications must be submitted 20 calendar days prior to starting the asbestos project. Notifications should be sent to the address below by certified mail or hand delivery. Notifications may also be sent by facsimile (FAX) transmission for projects that do not require a fee or projects with fees paid by credit card.

A notification form can be obtained online from DOLI at: http://www.doli.virginia.gov/leadasbestos/leadasbestos_forms.html or by contacting the Department in writing at the address below:

Asbestos Program
Department of Labor and Industry
Powers-Taylor Building
13 South Thirteenth Street
Richmond, VA. 23219
Phone (804) 786-9865
Fax (804) 371-7634

The EPA must also be notified for any asbestos projects that are least 160 square or 260 linear feet and essentially for all demolition projects, regardless of whether asbestos containing materials are present in the structure or facility. Notifications required by the EPA must be sent to the Department as described above except the notification period is 10 working days.

*Note: The EPA does not allow FAX transmission. NESHAP required notifications must be mailed to the EPA at the address below:

Asbestos Coordinator
USEPA
Region III
Mail Code 3LC62
1650 Arch St.
Philadelphia, PA 19103-2029

Building Inspection Requirements

Building owners often are the only or best sources of information concerning asbestos hazards within their building. They along with employers of potentially exposed employees are assigned specific duties under the DOLI asbestos regulations. To comply with these regulations, a thorough inspection must be conducted prior to the start of

any demolition or renovation activity which may disturb ACM.

The EPA and DOLI have specific requirements for public and commercial buildings where renovation or demolition are to take place. Prior to the renovation or demolition, there must be an inspection for suspect ACM regardless of the age of the building.

The VOSH 1926.1101 Asbestos construction standard also requires that building owners and employers determine the presence of asbestos prior to any work that may disturb ACM. Thermal system insulation (TSI) and sprayed or troweled on surfacing material must be presumed to contain asbestos until testing indicates otherwise. Asphalt and vinyl flooring material installed no later than 1980 must also be considered as asbestos containing until testing determines that it is not.

If an appropriate building inspection has not been conducted for asbestos, an accredited asbestos inspector who has been licensed by the Virginia Department of Professional and Occupational Regulation (DPOR) should be obtained to conduct an inspection.

Demolition Projects

All demolition projects, with the exception of some residential structures, require notification 10 working days in advance even if no asbestos is present.

RENOVATION and DEMOLITION OF A BUILDING/FACILITY

No Asbestos

Asbestos

Requirements

- No VOSH Asbestos Requirements
- VOSH 1926 Construction Industry Safety Standard Requirements
- NESHAP Requirements (10 Day Notification for Demolition)

*Respirators

- Mandatory if
 - Non-intact removal, or
 - No NEA, or
 - > PEL, or
 - Dry removal (except for intact roofing where NEA obtained), or
 - In emergencies, or
 - Class I

**Medical Surveillance

- Mandatory if
 - Wearing negative-pressure respirator, or
 - Exposed \geq PEL \geq 30 days of work/year, or
 - Class I, II, or III work \geq 30 days/yr.

***PPE

- Mandatory if
 - Class I if $> 25'$ or 10 ft^2 , or
 - $< 25'$ or 10 ft^2 and No NEA, or
 - $> \text{PEL}$

Key:

- ACM: Asbestos-containing material
- PACM: Presumed asbestos-containing material
- HEPA: High Efficiency Particulate Air
- NEA: Negative Exposure Assessment
- >PEL: Greater than the Permissible Exposure Limits
- \geq PEL: Greater than or equal to Permissible Exposure Limits
- PPE: Personal Protective Equipment
- TSI: Thermal System Insulation

Requirements for Class I

TSI & Surfacing Materials

- Licensed asbestos abatement contractor
- Project notification if project $\geq 10'$ or 10 ft^2
- 40-hour initially trained/accredited competent person and 8-hour annual refresher training/accreditation
- 32-hour initially/accredited trained worker(s) and 8-hour annual refresher training/accreditation
- Regulated area (restrict access to work site)
- Personal air monitoring or NEA
- Wet methods
- Decontamination unit (shower $> 25'$ or 10 ft^2 , drop cloth, & HEPA vacuum $< 25'$ or 10 ft^2)
- Respirators*
- Medical surveillance**
- PPE***
- Waste Disposal (sealed, impermeable bags/containers)
- Engineering controls for partial interior demolition and pre-building demolition interior removals [isolation/containment See 1926.1101(g)(4) and (5)]
- Engineering controls for demolition of building where ACM remains [see 1926.1101(g)(6)]
- NESHAP Requirements

Requirements for Class II

1 Non-Intact Class II ACM

- (i.e., roofing materials, flooring materials, siding materials, ceiling tiles, or transite materials)
- Licensed asbestos abatement contractor if friable
- Project notification of friable project $> = 10'$ or 10 ft^2
- 40-hour initially trained/accredited competent person and 8-hour annual refresher training
- 8 or more hours initial worker training and annual refresher training
- Regulated area (restrict access to work area)
- Personal air monitoring or NEA
- Wet methods
- Decontamination unit (drop cloth + HEPA vacuum) if no NEA
- Respirators*
- Medical surveillance**
- PPE***
- Waste Disposal (sealed, impermeable bags/containers)
- Engineering controls for partial interior demolition and pre-building demolition interior removals [isolation/containment, see 1926.1101(g)(7) and (8)(i)-(v) for specific controls]
- Engineering controls for demolition of building where ACM remains [see 1926.1101(g)(8)(vi)]
- NESHAP Requirements

- More than 1 Non-Intact Class II ACM (i.e., roofing materials, flooring materials, siding materials, ceiling tiles, or transite materials)
- Licensed asbestos abatement contractor if friable
- Project notification of friable project $> = 10'$ or 10 ft^2
- 40-hour initially trained/accredited (if friable) competent person and 8-hour annual refresher training/accreditation
- 32-hour initially trained/accredited worker(s) and 8-hour annual refresher training/accreditation on friable projects
- > 8 hours initial worker training and annual refresher training on non-friable projects
- Regulated Area (restrict access to work area)
- Personal air monitoring or NEA
- Wet methods
- Decontamination unit (drop cloth + HEPA vacuum) if no NEA
- Respirators*
- Medical surveillance**
- PPE***
- Waste Disposal (sealed, impermeable bags/containers)
- Engineering controls for partial interior demolition and pre-building demolition interior removals [isolation/containment, see 1926.1101(g)(7) and (8)(i)-(v) for specific controls]
- Engineering controls for demolition of building where ACM remains [see 1926.1101(g)(8)(vi)]
- NESHAP Requirements

Definitions:

- **Intact:** means that the ACM has not crumbled, been pulverized, or otherwise deteriorated so that asbestos is no longer likely to be bound to its matrix.
- **Friable:** means ACM that can be crumbled, pulverized, or reduced to powder when dry, by hand pressure.
- **Asbestos-Containing Material:** means any material containing more than one percent asbestos.
- **Accredited:** means individuals have successfully completed a training program approved by the Virginia Board for Asbestos, Lead, and Home Inspectors to engage in asbestos abatement.
- **Demolition:** means wrecking or taking out of any load-supporting structural member and any related removing or stripping of friable asbestos material.
- **Class I Asbestos Work:** means activities involving the removal of TSI and surfacing ACM or PACM.
- **Class II Asbestos Work:** means activities involving the removal of ACM which is not TSI or surfacing material.

County of Shenandoah



DEPARTMENT OF COMMUNITY DEVELOPMENT
 Shenandoah County Government Center
 600 N. Main St., Suite 107
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 (540) 459-6185

APPLICATION FOR BUILDING PERMIT

PERMITS APPLIED FOR Building Electric Plumbing HVAC Gas
 Zoning Alarm Suppression Demo Other _____

Owner: _____ Phone: _____ Email: _____

Mailing Address: _____

Location of Jobsite: _____ Location In: Town County

Directions from County Office: _____

Purpose of Permit: New Building Addition Alteration Remodel Other _____

Use of Proposed Structure or Building: _____

Size of Proposed Structure or Building (Includes Basement) (Square Feet): _____ Ridge Height of Purposed Structure of Building _____ Ft.

Description of Work: _____

Single Family Dwelling Mobile Home Modular Townhouse Commercial Industrial Multi-Family Dwelling

<u>Cost of Improvement</u>	<u>Type of Construction</u>	<u>Type of Sewage Disposal</u>	<u>Type of Foundation</u>
Building: \$ _____	_____	<input type="checkbox"/> Public Sewer	<input type="checkbox"/> Crawlspace
Electric: \$ _____	_____	<input type="checkbox"/> Private Septic	<input type="checkbox"/> Unfinished Basement
Plumbing: \$ _____	Type of Heat/AC _____ _____	<u>Type of Water Supply</u>	<input type="checkbox"/> Finished Basement
Heat/AC: \$ _____		<input type="checkbox"/> Public Water	<input type="checkbox"/> Slab on Grade
Other: \$ _____		<input type="checkbox"/> Private Well	<input type="checkbox"/> Post to Footing
Total: \$ _____	_____	<input type="checkbox"/> Other _____	

of Stories: _____ # of Bedrooms: _____ # of Full Baths: _____ # of Half Baths: _____ Garage: Attached Detached None

Contractor: _____ Phone #: _____ Cell #: _____

Email: _____ VA Contractor License #: _____ VA Class: A B C County License

Mechanic's Lien Agent: _____ None Designated

I Certify the Above Information is True and Correct to the best of my knowledge:

Owner Lessee Contractor Agent Architect/Engineer

Applicant Signature: _____ Phone #: _____ Email: _____

Print Name: _____ Date: _____ Best way to contact you: _____



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BUILDING DEPARTMENT
600 N. Main Street, Suite 107
WOODSTOCK, VA 22664
www.shenandoahcountyva.us

OWNER'S AFFIDAVIT

I, _____ of (address) _____
_____ affirm that I am the legal owner of a certain tract or parcel of the
land located at: _____.

I understand that I am applying for a building permit as owner of the above referenced property and I am acting as my own contractor. I further understand that if I hire or enter into a contractual agreement with any person(s) on this project, they must be licensed with Shenandoah County and the Commonwealth of Virginia. If I decided to use a licensed contractor, I will notify the Shenandoah County Community Development office prior to the contractor starting any work.

Owner's signature

SIGNED AND ACKNOWLEDGED IN SHENANDOAH COUNTY, VIRGINIA ON THE
_____ DAY OF _____, 20____, IN THE PRESENCE OF THE UNDERSIGNED WITNESS.

Witness' signature

Please note that if you are not the owner of the property, owner must sign and give written permission to perform work, prior to the issuance of any permit.



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600 N. Main Street, Ste 107
WOODSTOCK, VA 22664
www.shenandoahcountyva.us

PERMIT AUTHORIZATION AFFIDAVIT

§ 54.1-1111. Prerequisites to obtaining business license; building, etc., permit.

It shall be unlawful for the building inspector or other authority to issue or allow the issuance of such permits unless the applicant has furnished his license or certificate number issued pursuant to this chapter or evidence of being exempt from the provisions of this chapter.

I, _____ do hereby authorize the following person, _____ the right to act as my agent to obtain a(n) _____ permit in my absence and that I will be performing the work associated with the above permit located at _____, Virginia.

***Any misrepresentation of submitted data may result in legal prosecution.**

_____ (signature) _____ (date)

_____ (printed name)

_____ (DPOR license number)



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CONTRACTOR LISTING FORM

Owner's Name: _____ Date: _____

In accordance with §81-1 License Required of the Code of Shenandoah County, I understand the person, firm, or corporation, providing the following services must be licensed. **A Permit Authorization Affidavit must be filled out by the person performing the Plumbing, Electric, Heating & A/C, Gas Service and Foundation work.** Please indicate who will be doing the following:

GENERAL CONTRACTING: _____

EXCAVATION/GRADING: _____

FOUNDATION WORK: _____

FRAMING: _____

ELECTRIC: _____

PLUMBING: _____

HEATING & A/C: _____

GAS SERVICE: _____

I CERTIFY THE ABOVE INFORMATION IS TRUE AND CORRECT. I AM AUTHORIZED BY THE CONTRACTORS LISTED ABOVE TO MAKE APPLICATION FOR THIS PROJECT.

Signature (Owner or Agent): _____

Date: _____

County of Shenandoah

BUILDING AND CODE ENFORCEMENT

Shenandoah County Government Center

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The Code of Virginia and the Virginia Uniform Statewide Building Code (VUSBC) require the submission of an asbestos inspection certification to the local building department prior to the issuance of a building permit allowing a building for which the initial permit was issued prior to 1985 to be renovated or demolished. The asbestos inspection certification must state that the affected portions of the building have been inspected for the presence of asbestos and that appropriate response actions will be undertaken in accordance with the Code of Virginia Department of Professional Occupational Regulation. The asbestos inspection requirement does not apply to single-family dwellings, or to residential housing with four or fewer units, unless the renovation or demolition of such buildings is for commercial or public development purposes, per the VUSBC, however you must comply with VDOLI & NESHAP regulations, contact VDOLI for more information.

CERTIFICATION FORM:

THIS FORM MUST BE COMPLETED FOR ALL RENOVATIONS OR DEMOLITION PERMITS NOT EXEMPT FROM THE ASBESTOS INSPECTION PROVISIONS OF THE STATE CODE. ORIGINAL SIGNATURES ARE REQUIRED ON ALL ASBESTOS INSPECTIONS CERTIFICATIONS. THIS CERTIFICATION MUST BE SIGNED BY THE OWNER OF THE PROPERTY OR BY THE OWNER'S AUTHORIZED AGENT.

I, _____, am the owner (or owner's authorized agent) of the building listed below and I certify that the building has been inspected for the presence of asbestos in accordance with the asbestos related provisions of the Code of Virginia and the current edition of the VUSBC and that:

- No asbestos containing materials were found in the affected portions of the building.
- Asbestos containing materials were found in the affected portions of the building and that appropriate response actions will be undertaken in accordance with all applicable laws and regulations regarding asbestos abatement and further certify that the abatement area will not be reoccupied until the final clearance levels have been found to be within regulated tolerances for re-occupancy.

ADDRESS

CITY OR TOWN

ZIP CODE

SIGNATURE OF OWNER OR OWNER'S AGENT

DATE

County of Shenandoah

BUILDING AND CODE ENFORCEMENT

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This form is to be completed by the owner or owner's agent upon the completion of an asbestos removal or abatement project. Failure to complete this form will result in the asbestos permit to be marked as expired with no inspections made. Original signatures are required on all "asbestos removal certifications".

REMOVAL CERTIFICATION FORM:

PROJECT ADDRESS

CITY OR TOWN

ZIP CODE

PERMIT NUMBER

OWNER INFORMATION:

Name: _____

Address: _____

Phone Number: _____

I certify that the above information is true and correct and that the removal or abatement of asbestos containing material was performed in accordance with the requirements outlined in the Code of Virginia and the current edition of the Virginia Uniform Statewide Building Code:

SIGNATURE OF OWNER OR OWNER'S AGENT

DATE