



Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

Notification of Intent to Perform a Demolition
Asbestos Program

Doc Type: Asbestos & Demolition/Amendments

Type of notification: [ ] Original [ ] Amended [ ] Project cancellation

Notification must be postmarked or received ten (10) working days before demolition begins. See Item 5 for emergency demolitions. Both start and end dates should be amended in writing as necessary to reflect current project dates.

Demolition Contractor

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone number: \_\_\_\_\_

Contact name: \_\_\_\_\_

Phone number: \_\_\_\_\_

Building Information

Building name: \_\_\_\_\_

Address/Location: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

County: \_\_\_\_\_

Phone number: \_\_\_\_\_

Age of bldg (yrs): \_\_\_\_\_ Size of bldg (sq ft): \_\_\_\_\_

Number of floors, including basement level(s): \_\_\_\_\_

Present use of bldg: \_\_\_\_\_

Prior use of bldg: \_\_\_\_\_

Building Owner

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone number: \_\_\_\_\_

Contact name: \_\_\_\_\_

Phone number: \_\_\_\_\_

Dates of demolition or intentional burning:

Start date: \_\_\_\_\_ End date: \_\_\_\_\_
mm/dd/yy mm/dd/yy

Note: If there is >260 linear feet or >160 square feet of Regulated Asbestos-Containing Material (RACM) in the building to be demolished, it must be removed by a licensed asbestos contractor prior to demolition. The State of MN-Notice of Intent to Perform an Asbestos Abatement Project http://www.pca.state.mn.us/publications/w-sw4-06.doc must be used to notify for the asbestos removal.

Is nonfriable ACM present in the structure to be demolished? [ ] Yes [ ] No

Will nonfriable ACM be present in the structure at the time of demolition? [ ] Yes [ ] No

If Yes to both questions above, complete Items 1-9. If No to either question, complete Items 3-9.

1. If ACM will be left in place for the demolition indicate the amount of Category I and/or Category II nonfriable ACM left in place.

Category I: \_\_\_\_\_ Linear feet
\_\_\_\_\_ Square feet
\_\_\_\_\_ Cubic feet

Category II: \_\_\_\_\_ Linear feet
\_\_\_\_\_ Square feet
\_\_\_\_\_ Cubic feet

Category I nonfriable ACM means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos.

Category I nonfriable ACM is not allowed to remain in place for demolition if it is in poor condition.

Category II nonfriable ACM means any material, excluding Category I nonfriable ACM, containing more than one percent Asbestos that, when dry, cannot be crumbled, pulverized, or reduced to a powder by hand pressure.

Category II nonfriable ACM is not allowed to remain in place for demolition if it has a high probability of becoming crumbled, pulverized, or reduced to a powder during demolition, transport, or disposal (e.g., transite, cement, slate roofing).

2. Description and location of ACM remaining in place (including number of floors and rooms):

\_\_\_\_\_

3. Company and/or individual that conducted the building inspection and the procedure used to determine the presence or absence of ACM (including analytic method): *(Note: Prior to demolition all structures must be inspected by a licensed asbestos inspector who has been certified through the Minnesota Department of Health.)*

\_\_\_\_\_

4. Description of planned demolition and the specific method(s) that will be used:

\_\_\_\_\_

5. If the demolition was ordered by a government agency, please identify the agency and attach a copy of the order:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Authority: \_\_\_\_\_

Date of order (mm/dd/yy): \_\_\_\_\_ Start date (mm/dd/yy): \_\_\_\_\_

*Notification for an emergency demolition must be submitted as early as possible before demolition begins, but not later than the following working day. A demolition is considered an emergency **only** when the facility has been deemed structurally unsound and in danger of imminent collapse. If the structurally unsound building is known to contain any regulated ACM or is suspected to contain any regulated ACM, special procedures **must** be followed. If you are unaware of the special procedures, instructions/ regulations can be obtained by contacting the Minnesota Pollution Control Agency (MPCA) at the address or phone number listed below.*

6. Description of procedure to be followed in the event that unexpected RACM is found or Category II nonfriable ACM becomes crumbled, pulverized or reduced to powder:

\_\_\_\_\_

7. Demolition waste transporter(s) information:

Transporter name: \_\_\_\_\_

Contact name: \_\_\_\_\_

Transporter address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone number: \_\_\_\_\_

8. Demolition waste disposal information: \*see below for more information

Landfill name: \_\_\_\_\_

Owner/Operator: \_\_\_\_\_

Address/Location: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone number: \_\_\_\_\_

9. I certify that the above information is correct and I am a bonafide representative of the demolition contractor or building owner and have authority to enter into agreements for my employer.

Print name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Important Note:**

**Ensure you are in compliance with Minn. R. 7035.0805 prior to the commencement of renovation/demolition.**

This rule requires that the following items be removed two days prior to demolition: mixed municipal solid waste; household hazardous waste; industrial or hazardous waste; waste tires; major appliances; items containing elemental mercury, Poly-Chlorinated BiPhenyls (PCBs), and chlorofluorocarbons (CFCs); oil; lead; electronics; and other prohibited items. See MPCA website at <http://www.pca.state.mn.us/publications/w-sw4-20.pdf> for a *Pre-Renovation/Demolition Environmental Checklist Guidance Document* to assist with completion of this rule.

\*Demolition waste must be disposed of at a permitted solid waste facility. For other disposal option please contact the regional MPCA solid waste compliance/enforcement staff with any questions.

**Submit to:** Minnesota Pollution Control Agency  
Industrial Division – Asbestos Program  
520 Lafayette Road North  
St. Paul, MN 55155-4194

**Questions call:** 651-296-6300 or 1-800-657-3864

**Fax:** 651-297-1438

**E-mail:** [asbestos.demolition.pca@state.mn.us](mailto:asbestos.demolition.pca@state.mn.us)



# Pre-Renovation/Demolition Environmental Checklist

## Asbestos Program

Doc Type: Compliance/Enforcement Correspondence

Minn. R. 7035.0805 requires that you remove the items below before starting a renovation or demolition project, and then manage and recycle or dispose of them correctly. This checklist is provided to help you manage the project and does not need to be submitted to the Minnesota Pollution Control Agency unless requested.

### Project Information

#### Structure owner

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Contact name: \_\_\_\_\_

Phone number: \_\_\_\_\_

#### Demolition contractor

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Contact name: \_\_\_\_\_

Phone number: \_\_\_\_\_

#### Structure information

Building name: \_\_\_\_\_

Address/Location: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Age of bldg (yrs): \_\_\_\_\_ Size of bldg (sq ft): \_\_\_\_\_

Present use of bldg: \_\_\_\_\_

Prior use of bldg: \_\_\_\_\_

#### Dates of renovation, demolition, or fire training burn:

Start date: \_\_\_\_\_ End date: \_\_\_\_\_

(mm/dd/yy)

(mm/dd/yy)

Mercury	Qty		Qty		Qty
<b>Batteries</b>		Firestats:		Boiler insulation:	
Smoke detectors:		Manometers:		HVAC duct insulation:	
Emergency lighting systems:		Thermometers:		Ductwork flexible fabric connections:	
Elevator control panels:		<b>Boilers, furnaces, heaters, and tanks</b>		Fireproofing materials:	
Exit signs:		Mercury flame sensors by pilot lights:		Fire doors:	
Security systems and alarms:		Manometers, thermometers, gauges:		<b>Flooring:</b>	
<b>Lighting</b>		Pressure-trol:		Vinyl floor tile:	
Fluorescent lights:		Float or level controls:		Vinyl sheet flooring:	
<b>High intensity discharge</b>		Space heater controls:		Asphalt tile:	
Metal halide:		<b>Electrical systems</b>		Linoleum paper backing:	
High pressure sodium:		Load meters & supply relays:		Mastic/glue (floor tile, carpet, etc.)	
Mercury vapor:		Phase splitters:		<b>Electrical</b>	
Neon:		Micro relays:		Electrical panels:	
Switches for lighting using mercury relays (look for any control associated with exterior or automated lighting systems):		Mercury displacement relays:		Electrical wiring insulation:	
"Silent" wall switches:		<b>Asbestos</b>		Heating and electrical ducts/conduit:	
<b>Heating, ventilating, and air conditioning systems</b>		<b>Boiler rooms</b>		<b>Pipe and other insulation</b>	
Thermostats:		Boilers, furnaces, fireplaces, and their components:		Aircell (corrugated cardboard):	
Aquastats:		Cement sheets near heating equipment:		Millboard:	
Pressurestats:				Preform:	
				Joint compound:	

<b>Asbestos (continued)</b>	Qty		Qty		Qty
Spray applied insulation:		<b>ChloroFluoroCarbons</b>		Lead-acid batteries (lighting, exit signs, security systems):	
Blown-in insulation:		Fire extinguishers (both portable and installed halon suppression systems):		Lead flashing molds and roof vents:	
Block:		Air conditioners (rooftop, room, and central):		Lead pipes and solder:	
<b>Surfacing materials</b>		Walk in coolers (refrigeration or cold storage areas):		Lead-lined X-ray rooms:	
Acoustical plaster:		Water fountains and dehumidifiers:			
Decorative plaster:		Refrigerators/freezers/chillers:		<b>Other</b>	
Textured paints & coatings:		Heat pumps:		Solid waste (all non-building components such as unattached carpet, files, books, trash, desks, chairs, etc.) must be removed prior to demolition:	
Spray-applied materials (acoustical, decorative, or insulative):		Vending machines/food display cases:		Hazardous waste (including household) must be properly handled and disposed of prior to demolition:	
<b>Roofing</b>				Oil (used oil, hydraulic oils in door closers, elevator shafts, etc.) must be collected and properly disposed of prior to demolition:	
Roofing shingles:		<b>Poly-Chlorinated BiPhenyls (PCBs)</b>		Tanks (no evidence of former heating tanks or storage tanks exist):	
Roofing felt:		Transformers:		Appliances must be recycled by an appliance recycler:	
Base flashing:		Transistors:		Electronics:	
<b>Cement materials (Transite)</b>		Capacitors:			
Cement pipes (flues & vents):		Heat transfer equipment:			
Cement wallboard:		Light ballasts:			
Cement siding:					
Pegboard:		<b>Lead</b>			
<b>Ceiling materials</b>		Lead-based paint (woodwork, metal equipment, interior/ exterior uses):			
Ceiling tiles:					
Ceiling tile adhesives (pucks):					
Lay-in ceiling panels:					
Acoustical tiles:					
<b>Miscellaneous</b>					
Taping, joint, and spackling compound:					
Caulking/putties:					
Fire curtains and blankets:					
Laboratory hoods, table tops, gloves, etc.:					
Gaskets:					

If you have questions or comments about this checklist, identify any additional items not found in this list, or would like to discuss an individual project, contact the Minnesota Pollution Control Agency at 651-296-6300 or 1-800-657-3864.

Affiliation with project: \_\_\_\_\_ Title: \_\_\_\_\_  
 Printed name: \_\_\_\_\_ Date: \_\_\_\_\_

**Important Note:**

This guidance document is not intended as a substitute for reading Minnesota Rules and Statutes and making your own independent determination of their applicability to your renovation/demolition project. Examples in this guidance document do not represent an exhaustive listing of type of materials that may be required to be removed from a building prior to renovation/demolition.



# Asbestos considerations in residential demolition

Waste/Solid Waste w-sw2-04 • March 2009

**I**s a residential home regulated under the federal asbestos rules?

This fact sheet addresses coverage of 40 CFR part 61, Subpart M, also known as the asbestos National Emission Standards of Hazardous Air Pollutants (NESHAP), for demolition projects involving residential buildings that have four or fewer dwelling units.

## NESHAP definition of “facility”

Under NESHAP, “facility” is defined as:

- Any institutional, commercial, public, industrial or **residential** structure, installation or building.

This includes any structure, installation, or building containing condominiums or individual dwelling units operated as a residential cooperative, but excluding residential buildings having four or fewer dwelling units.

- Any ship.
- Any active or inactive waste disposal site.

For purposes of this definition, any building, structure, or installation that

contains a loft used as a dwelling is *not* considered a residential structure, installation, or building. Any structure, installation, or building that was previously subject to this subpart is not excluded, regardless of its current use or function.

## NESHAP definition of “installation”

Under NESHAP, “installation” is defined as:

- Any building or structure or any group of buildings or structures at a single demolition or renovation site that are under the control of the same owner or operator.

This also applies to an owner or operator under common control.

The actual owner or operator of a residential building is not the consideration for determination of whether the building is covered by the asbestos NESHAP. The determination for coverage of the residential building by the asbestos NESHAP depends on the use of the property.

The table on the next page outlines projects that are regulated and not regulated under NESHAP.

Description of Project	Regulated	Unregulated
Any urban renewal or public project involving one or more residential buildings being renovated or demolished over a period of time.	<b>X</b>	
Any industrial, commercial or institutional use of the residential building or property. Includes one or more residential properties on either one or more sites.	<b>X</b>	
A residential building having four or fewer dwelling units not part of any larger commercial or public project and is demolished to build a new residential building with four or fewer dwelling units.		<b>X</b>
Small, isolated residential buildings with four or fewer dwelling units demolished for public safety or similar purposes – where the building will be replaced by another residential building with four or fewer dwelling units or the land will remain vacant.		<b>X</b>
Any residential building demolition project that consists of demolition of two or more residential buildings at a single site.	<b>X</b>	
Any intentional burning of a residential building constitutes an institutional use of the building and is therefore subject to the asbestos NESHAP.	<b>X</b>	

This fact sheet is not intended as a substitute for reading the regulation and making your own independent determination of its applicability to your demolition project. Examples in this fact sheet do not represent an exhaustive listing of projects to which the rule might apply.

**For more information**

For more information on unregulated residential structures, call the Minnesota Pollution Control Agency (MPCA) at (651) 296-6300 or toll free at (800) 657-3864 and ask to speak to a solid waste inspector.

For more information on regulated residential structures, contact Derek Pemble of the MPCA at (651) 757-2647.



## Asbestos Program

The Asbestos Program works to prevent emissions of asbestos-containing materials during both renovation and demolition projects. The program includes specific regulations for inspecting for asbestos, what asbestos needs to be removed and when, and emission control procedures used to control asbestos fibers during the actual removal. Regulations also cover transporting, packaging and disposing of asbestos.

Individuals' homes that are not part of any public or commercial project are exempt from state regulations, but if asbestos is removed from a home, it may be regulated by the Minnesota Department of Health.

Primary customers of this program are any owner or operator of a building that may contain asbestos. The most frequent users are large/small businesses, municipalities, non-profit organizations and other local units of government.

Another key customer segment are contractors that do renovation and demolition projects.

Priorities of the Asbestos Program include ensuring compliance with asbestos removal and disposal regulations, and preventing instances where asbestos may be inadvertently overlooked or disturbed during renovations and demolitions.

## Publications

For owners of buildings containing asbestos and contractors who perform removals.

### Fact sheets

-  [Pre-Demolition and Renovation Mnn. R. 7035.0805 \(w-sw4-07\)](#)
- ✓  [Asbestos-related considerations in residential demolition \(w-sw2-04\)](#)
-  [Asbestos-containing waste at VIC sites \(c-vic1-01\)](#)
-  [Asbestos Guidance on Excavation Projects \(w-sw4-03\)](#)
-  [Guidance for Handling Asbestos-Containing Material at Active Waste Disposal Sites \(w-sw5-01\)](#)
-  [Guidance on the Removal, Transport and Disposal of Category I Asbestos-containing Materials, such as Floor Coverings and Asphalt Roofing Materials \(w-sw4-04\)](#)
-  [Guidance for the Removal, Transport and Disposal of Category II Asbestos-containing Materials, such as Transite Shingles and Siding \(w-sw4-05\)](#)
-  [Landfills Accepting Asbestos \(w-sw6-00\)](#)
-  [NESHAP Guidance for Emergency Demolitions \(w-sw4-22\)](#)

### Forms

-  [Notification of Asbestos-related Work \(PDF Version\) \(w-sw4-06\)](#)
- ✓  [Pre-Renovation/Demolition Environmental Checklist \(PDF Version\) \(w-sw4-20\)](#)
- ✓  [Notification of Intent to perform a demolition \(PDF Version\) \(w-sw4-21\)](#)

## Assistance and information

- [Training](#): Asbestos Program staff provide training to contractors on the handling and disposal of asbestos.
- [MPCA staff](#): Sean O'Connor, 651-757-2620.
- [Minnesota Dept. of Health](#), 651-201-4620
- [Asbestos: Homeowner information](#), Minn. Dept. of Health

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Minnesota Pollution Control Agency | 651-296-6300, 800-657-3864 | [webteam.pca@state.mn.us](mailto:webteam.pca@state.mn.us)