

What is Asbestos?

» Facts

- Naturally Occurring Mineral.
- Mined because: It holds in heat, adds strength, doesn't transfer electricity and absorbs sound.
- Found in floors, walls, ceilings, attics and heating systems of all kinds of buildings.

Health Effects - Known to cause cancer and other breathing diseases.

» Common Errors

- Asbestos is Banned – A few specific types of building materials were banned. Many materials that contain asbestos can still be purchased and installed today.
- Residences don't contain asbestos – Residential buildings are just as likely to contain asbestos as commercial buildings from the same era.



Is my Project Covered?



• Residential

Buildings with four or fewer dwelling units may contain asbestos, but are often exempt from the regulations. Please call the Wyoming Asbestos Program.

• Public and Commercial

All renovation and demolition activities are covered.

Contact Us

State of Wyoming - DEQ Wyoming Asbestos Program

200 W 17th Street, Suite 300
Cheyenne, WY 82002
asbestos.notice@wyo.gov

Asbestos Program Coordinator

(307) 777-7394

Asbestos Inspector

(307) 777-7584

What is Required?

INSPECT

The portion of the facility where the work will occur must be inspected by a currently trained Asbestos Inspector.

NOTIFY

For renovation activities that will disturb asbestos and every demolition; a Notification of Demolition and Renovation Form must be turned in at least 10 working days prior to work.

REVISE

Update your notice as needed.

How do I find a trained Asbestos Building Inspector Contractor?

WEBSITE

www.yellowpages.com

In the "What are you looking for?" box, type:

"Asbestos Detectors" OR

"Asbestos Contractors"

AND enter your project location.





Asbestos

A Guide for Contractors,
Building Owners and
Residential Owners

Communication is key!!!

- What is Asbestos?
- Is my project covered?
- Contact Us
- What is required?
- How do I find a trained Asbestos Building Inspector or Contractor?
- Where can I find forms?
- Where are the State Regulations?



State of Wyoming
Department of Environmental Quality
200 W. 17th St.
Cheyenne, WY 82002

Where can I find forms?

Website

deq.wyoming.gov/aqd/compliance/asbestos/
Under the "FORMS" tab you will find:

- Outreach Memo, which explains the rules.
- Notification of Demolition and Renovation Forms. Available in .pdf, Word and Excel formats.
- Notification Instructions.

All original notices and changes to notices must be sent to:
asbestos.notice@wyo.gov

Where are the State Regulations?

- The Wyoming Air Quality Standards and Regulations (WAQSR), in Chapter 3, Section 8, contains the regulatory requirements for renovation and demolition projects occurring in covered facilities in the State of Wyoming (except for Wind River Reservation).



Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.



Mark Gordon, Governor

Todd Parfitt, Director

MEMORANDUM

To: Building Owners and Operators

From: State of Wyoming Asbestos Program Coordinator and
State of Wyoming Asbestos Inspector

Subject: Asbestos Inspection and Notification Requirements

On October 26, 1993, Wyoming adopted the revised National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation, for asbestos renovation and demolition projects.

Summary of Asbestos Program Requirements:

1. Private residences or apartments with four or fewer dwelling units are exempt from the regulations except for proper disposal of asbestos-containing waste. If a residential property is being renovated or demolished so that the property can be used for commercial purposes (commercial building, parking lot, et al.), the exemption does not apply.
2. All public and commercial facilities must be inspected for the presence of asbestos, in the area where the project will occur, prior to any renovation or demolition activity; or all suspect materials must be treated as if Regulated. Inspections are required regardless of the age of construction. The inspection must be conducted by a trained Asbestos Building Inspector.
3. Written notification to the Asbestos Program is required ten (10) working days prior to the **removal** of asbestos-containing material (ACM). The form can be found at: <https://deq.wyoming.gov/aqd/compliance/asbestos/> on the FORMS tab and must be submitted by:

Mail: Air Quality Division, 200 W 17th Street, Suite 300 Cheyenne, Wyoming 82002; or
 Fax: (307) 777-6937 (followed by a mailed original); or,
 Scan and email: asbestos.notice@wyo.gov (followed by a mailed original).

4. Notification is required to be turned in 10-working days prior to the start of all **demolition projects** for public and commercial buildings whether asbestos is present or not. Moving a building is considered a demolition project.
5. The regulations require that each person performing or supervising an abatement project in public and commercial buildings (including schools) be trained. Work practice and disposal requirements may differ based on the type of material involved.
6. All Regulated Asbestos-Containing Material (friable, or non-friable made friable) must be removed from a facility being demolished or renovated before any activity begins that would break up, dislodge, or similarly disturb the material. Exceptions may be allowed for certain non-friable materials that are in good shape, have not become, and will not be made Regulated. Material can be made Regulated by subjecting it to sanding, grinding, cutting, abrading or extensive breakage or any action that will crumble, pulverize or reduce the asbestos-containing material to powder.
7. All waste ACM must be properly disposed of at an approved landfill.
8. If a facility is to be intentionally burned, all asbestos-containing material must be removed prior to burning.

If you have questions or need additional information, please feel free to contact Asbestos Program Coordinator, at (307) 777-7394; or Asbestos Inspector, at (307) 777-7584.

Figure 3
STATE OF WYOMING
 NOTIFICATION OF DEMOLITION AND RENOVATION

I. FACILITY DESCRIPTION (INCLUDE BUILDING NAME, NUMBER, AND FLOOR OR ROOM NUMBER)						
BLDG NAME:						
ADDRESS:						
CITY:		STATE:		CONTACT:		
SITE DESCRIPTION (type of material being removed)						
II. FACILITY INFORMATION (IDENTIFY OWNER, REMOVAL CONTRACTOR, AND OTHER OPERATOR)						
OWNER NAME:						
ADDRESS:						
CITY:		STATE:		ZIP:		
CONTACT:				TEL:		
REMOVAL CONTRACTOR:						
ADDRESS:						
CITY:		STATE:		ZIP:		
CONTACT:				TEL:		
OTHER OPERATOR:						
ADDRESS:						
CITY:		STATE:		ZIP:		
CONTACT:				TEL:		
BUILDING SIZE:		NUM OF FLOORS:		AGE IN YEARS:		
PRESENT USE:		PRIOR USE:				
III. TYPE OF OPERATION (D=DEMO O=ORDERED DEMO R=RENOVATION E=EMER. RENOVATION):						
IV. IS ASBESTOS PRESENT? (YES/NO)						
V. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:						
VI. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) START: COMPLETE:						
VII. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) START: COMPLETE:						
VIII. SCHEDULED WORK HOURS:		START:		COMPLETE:		
IX. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. REGULATED ACM TO BE REMOVED 2. CATEGORY I ACM NOT REMOVED 3. CATEGORY II ACM NOT REMOVED		RACM TO BE REMOVED	NONFRIABLE ASBESTOS MATERIAL TO BE REMOVED		NONFRIABLE ASBESTOS MATERIAL NOT TO BE REMOVED	
			CAT I	CAT II	CAT I	CAT II
PIPES						
SURFACE AREA						
VOL. RACM OFF FACILITY COMPONENT						
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:						
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:						

Figure 3. NOTIFICATION OF DEMOLITION AND RENOVATION (continued)

XII. TYPE OF NOTIFICATION (O=ORIGINAL R=REVISED C=CANCELLED):		WPR Notice?
XIII. WASTE TRANSPORTER #1		
NAME:		
ADDRESS:		
CITY:	STATE:	ZIP:
CONTACT PERSON:		TELEPHONE:
WASTE TRANSPORTER #2		
NAME:		
ADDRESS:		
CITY:	STATE:	ZIP:
CONTACT PERSON:		TELEPHONE:
XIV. WASTE DISPOSAL SITE		
NAME:		
LOCATION:		
CITY:	STATE:	ZIP:
TELEPHONE:	CONTACT PERSON:	
XV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:		
NAME:	TITLE:	
AUTHORITY:		
DATE OF ORDER (MM/DD/YY):	DATE ORDERED TO BEGIN (MM/DD/YY):	
XVI. FOR EMERGENCY RENOVATIONS		
DATE AND HOUR OF EMERGENCY (MM/DD/YY):		
DESCRIPTION OF THE SUDDEN, UNEXPECTED EVENT:		
EXPLANATION OF HOW THE EVENT CAUSED UNSAFE CONDITIONS OR WOULD CAUSE EQUIPMENT DAMAGE OR AN UNREASONABLE FINANCIAL BURDEN:		
XVII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.		
XVIII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS (REQUIRED 1 YEAR AFTER PROMULGATION).		
_____		(SIGNATURE OF OWNER/OPERATOR) (DATE)
XIX. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.		
_____		(SIGNATURE OF OWNER/OPERATOR) (DATE)

Asbestos Notification Instructions

A Notification of Demolition and Renovation Form is required to be turned in at least 10-working days prior to the start of any renovation that will create or disturb **any amount of** Regulated Asbestos-Containing Material (RACM) and every demolition project. The 10-working days is a federal and state regulatory requirement that was written to give regulators enough time to plan so that they can visit renovation projects while they are active or demolition projects before they start, to determine if they have had a thorough inspection. This wait is required in every state.

These instructions have been created to help you fulfill this requirement. We will accept forms from other states as long as they have all of the required project information. All notification forms must be signed in order for them to be valid. Incomplete notification forms may result in the delayed start of a project or even enforcement action. The notification must be legible and received no later than 10-working days prior to the beginning of the asbestos removal activity or demolition project. Please submit this form to:

Air Quality Division, Asbestos Program
200 West 17th Street, Suite 300
Cheyenne, WY 82002

OR Email to:
asbestos.notice@wyo.gov
Or Fax to:
307-777-6937

Revisions of this notice are required if any of the basic information on the notice (work dates, abatement contractor, disposal locations) changes. The notice is also required to be revised if the amount of material increases or decreases by more than 20%.

- I. **Facility Description:** The facility refers to the building that is being renovated or demolished. It often has a name such as "Hilltop Grocery" or you may use something more generic such as "Vacant Home" if it is not named. The address must include the street number, street name, city and state and must be accurate. Add floor numbers and room numbers where smaller renovations are to be conducted within larger facilities. The Site Description should include a specific description of the types and amounts of asbestos-containing building materials that are being disturbed or removed. More than one building may be listed if it is on the same lot (such as Keepers Real Estate and shed).
- II. **Facility Information:** Enter the name, address, contact person and telephone number of the following:
 - a. Owner: Legal owner of the site at which asbestos is being removed or demolition planned.
 - b. Removal Contractor: Asbestos abatement contractor used to remove, stabilize or clean up asbestos material in the facility.
 - c. Other Operator: Demolition contractor, General contractor or any other person who leases, operates, controls or supervises the site.
 - d. *If additional parties share responsibility for the site, demolition activity, renovations or ACM removal; include complete information (including name, address, contact person, and telephone number) on additional sheets submitted with this form.*
 - e. Building Size: Provide approximate size in square feet.
 - f. Number of Floors: Enter the number of floors including basement or ground level floors.
 - g. Age in Years: Enter the approximate age of the facility.
 - h. Present Use: Identify the primary use of the facility (Hospital, School, Public Building, Commercial, Residential etc.).
 - i. Prior Use: Identify previous uses of the facility.

Asbestos Notification Instructions

Type of Operation:

- j. **D=DEMO (Demolition)**: A project that includes the wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations, or the intentional burning of any facility.
- k. **O=ORDERED DEMO**: Demolitions of facilities that are structurally unsound and in danger of imminent collapse may be ordered by government agencies that control public safety. A copy of the demolition order document (including contact information), or a copy of a signed, stamped report from a licensed structural engineer must accompany this type of notification form.
- l. **R=RENOVATION**: A project that means altering a facility or one or more facility components in any way, including the stripping or removal of RACM from a facility component (but not removal of a load-supporting member).
- m. **E=EMERGENCY RENOVATION**: A renovation operation that was not planned but results from a sudden, unexpected event that, if not immediately attended to, presents a safety or public health hazard, is necessary to protect equipment from damage, or is necessary to avoid imposing an unreasonable financial burden.

III. **Is Asbestos Present?** Answer “Yes” or “No” regardless of the amount or type of asbestos.

IV. **Procedure Used to Detect the Presence of Asbestos Material:** If an inspection was performed, please state the individual/company that performed the inspection(s) and the date of the inspection(s). Describe the analytical methods employed if you know them (bulk analysis, composite sampling, Polarized Light Microscopy, point counting Transmission Electron Microscopy, or other).

V. **Scheduled Dates Asbestos Removal (MM/DD/YY):** Enter the scheduled dates for asbestos removal work, which includes any work which may break up, dislodge, or disturb asbestos material, such as salvage operations. *(Site preparation and salvage operations can be undertaken previous to the start date only if the asbestos-containing material is not disturbed).*

VI. **Schedules Dates Demo/Renovation (MM/DD/YY):** Enter the scheduled dates for the renovation and/or demolition activity. If you are not sure of the exact dates, provide the entire date range and send additional emails revising the dates as the project proceeds (within 10-working days of the start of the project).

a. *NOTE: If the asbestos removal, demolition activity or renovation work is going to be performed in separate phases, attach a separate piece of paper with the dates and a description of each phase.*

VII. **Scheduled Work Hours:** Enter the work hours and the days you will be working.

VIII. **Approximate Amount of Asbestos:**

Use the following units when reporting amounts of asbestos:

Linear Feet for insulation around pipes and elbows only (TSI).

Square Feet for most asbestos containing materials (including caulking and glazing).

Cubic Feet should be used only for debris being cleaned up.

Asbestos Notification Instructions

- a. RACM to be removed: List the amount of friable asbestos material, nonfriable asbestos-containing material that has become friable and nonfriable asbestos-containing material that has been, or will become crumbled, pulverized or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.
- b. Nonfriable Asbestos Material To Be Removed: For renovation and demolition projects, list the amount of nonfriable asbestos-containing material that will be removed in an intact state (without becoming regulated).
- c. Nonfriable Asbestos Material Not To Be Removed: For demolition projects only – list the amount of nonfriable asbestos-containing material that will remain in the building during demolition.

Category I = nonfriable asbestos-containing (>1%) packings, gaskets, resilient floor covering, and asphalt roofing products.

Category II = nonfriable asbestos-containing (>1%) material not in Category I such as tar-based coatings, cement asbestos materials, cloth-covered wiring, etc.).

- IX. **Description of Planned Demolition or Renovation Work, and Method(s) to be Used:** Describe the location and types of asbestos-containing material which will be affected during this project. Describe the general steps and methods that will be followed to remove this project's asbestos-containing material.
- X. **Description of Engineering Controls and Work Practices to be Used to Control Emissions of Asbestos:** Describe the work practices and engineering controls selected to prevent the release of asbestos fibers during the asbestos removal work, such as negative pressure containment, wetting, use of HEPA vacuums, et al. Be as specific as possible.
- XI. **Type of Notification:**
 - i. O=Original: This is the first notification for an upcoming project.
 - ii. R=Revised: This notification is a revision of a prior notification. Specify in email or cover letter what the changes are (don't make us look for them).
 - iii. C=Cancelled: Project has been cancelled. Note: An email is acceptable to cancel a project.
 - iv. WPR Notice: Leave blank.
- XII. **Waste Transporter:** Enter the names, addresses, contact persons, and telephone numbers of the persons or companies responsible for transporting ACM from the removal site to the waste disposal site. If the removal contractor or owner is the waste transporter, state "same as removal contractor" or "same as removal owner".
- XIII. **Waste Disposal Site:** Identify the waste disposal site, including the complete name, physical location, and telephone number of the facility. If ACM is to be disposed of at more than one site, provide complete information for each disposal location on an additional sheet submitted with the form and clearly indicate which type of waste will be taken to which site.
- XIV. **If Demolition Was Ordered by a Government Agency, Please Identify the Agency:** Provide the name of the responsible official, title and agency or authority under which the demolition order was issued.

Asbestos Notification Instructions

- XVI. **If Applies - For Emergency Renovations:** Provide the date and time of the unexpected event. Provide a short description of the event and the unsafe conditions, equipment damage, or financial burden resulting from the event. A separate letter from the Owner must be received that provides enough detail to evaluate whether a renovation meets requirements for an emergency. (See Emergency Waiver instructions for more information).
- XVII. **Description of Procedures to Be Followed in the Event that Unexpected Asbestos is Found or Previously Non-friable Asbestos Material becomes Crumbled, Pulverized, or Reduced to Powder:** Describe what actions and work practices will be taken to address these unexpected events and keep asbestos emissions to a minimum.
- XVIII. **Certification of Presence of Trained Supervisor:** The notifying individual must certify that a person trained in asbestos-removal procedures will supervise the demolition or renovation. This trained individual is responsible for the activity on-site.
- XIX. **Required Verification:** Certify the accuracy and completeness of the information provided by signing and dating the notification form. Notifications that are not signed, will not be processed.

Associated Definitions

ACM: Stands for Asbestos Containing Material. Any material containing more than 1% of six types of asbestos minerals: Chrysotile, Crocidolite, Tremolite, Actinolite, Amosite or Anthophyllite.

Category I nonfriable ACM: asbestos-containing packings, gaskets, resilient floor covering (floor tile, sheet vinyl and mastics), and asphalt roofing products (roof tar, roof shingles, rolled roofing, built-up tar on flat roofs) containing more than 1% asbestos.

Category II nonfriable ACM: includes any material, excluding Category I nonfriable ACM, containing more than 1% asbestos...that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure (cement asbestos products, cloth-covered wiring, tar-based coatings).

Friable: any material containing more than 1% asbestos....that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Regulated Asbestos-Containing Material (RACM): (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, abrading or extensive breakage, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.