



ASBESTOS - RENOVATION AND DEMOLITION

Are you Remodeling, Renovating or Demolishing?

You may be subject to State and Federal Regulations requiring an inspection for asbestos. Avoid penalties and delays: If you are impacting greater than the trigger levels of suspect asbestos-containing materials ("ACM") – you must have your project inspected for ACM by a Colorado-certified asbestos building inspector before commencing work.

It is Dangerous and Illegal to Improperly Disturb ACM!

Asbestos can be found in these and many other common building materials: Ceiling textures, vinyl floor coverings and mastic, boiler and pipe insulation, heating and cooling duct insulation, ceiling tile, roofing products, clapboard shingles, etc. These materials may be regulated - a certified asbestos building inspector can determine which materials contain asbestos and which are regulated.

For ALL Renovation Projects:

- Buildings of **any** age may contain ACM; even those newly built may have ACM.
- **Inspection:** If the structures/components to be disturbed exceed the trigger levels, they **must be inspected for asbestos** by a Colorado-certified asbestos building inspector, unless the building was built after October 12, 1988, **AND** the architect or engineer who built it signs and submits documentation showing that no ACM was specified or used in the construction of the building – then no inspection is needed. Asbestos Consulting Firms and asbestos building inspectors can be found in the yellow pages of most telephone books under the heading "Asbestos Consulting and Testing" or go to our web site for a current list: www.colorado.gov/cdphe/asbestos.
- If the amount of ACM to be disturbed exceeds the following trigger levels, then an asbestos abatement contractor must remove the material:
 - **Single-Family Residential Dwellings ("SFRD")** - the trigger levels are: 50 linear feet on pipes; 32 square feet on other surfaces; or the volume equivalent of a 55-gallon drum.
 - **Public and Commercial Buildings** (other than SFRDs) - the trigger levels are: 260 linear feet on pipes; 160 square feet on other surfaces; or the volume equivalent of a 55-gallon drum.
- Under many circumstances, a Colorado-certified General Abatement Contractor (GAC) must remove ACM that is regulated or may become regulated before it is disturbed by renovation or demolition activities. GACs can be found in the yellow pages of most telephone books under the heading, "Asbestos Abatement" or go to our web site for a current list.
- **Notification:** A written application to CDPHE for a notice/permit may be required, along with payment of a fee and a **ten (10) working-day notification period (emergencies may be excluded)** before the removal (abatement) of regulated asbestos-containing materials. **ALL ACM waste must be disposed of at an approved asbestos waste disposal site – regardless of the quantity or the necessity for a notice/permit.**

Demolitions, Destructive Salvage, House Moving

If you demolish, perform destructive salvage, perform de-construction, burn, destroy, dismantle, dynamite, implode, knock down, level, pull down, pulverize, raze, tear down, wreck all of a structure or structural components, or you move a house, you may be subject to State and Federal regulations **even when there is NO asbestos in the facility**. **Demolition means:** 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.

For ALL Demolition Projects:

- **Inspection:** the building or area of the building to be demolished ***must be inspected for asbestos*** by a Colorado-certified asbestos inspector. Asbestos Consulting Firms and asbestos building inspectors can be found in the yellow pages of most telephone books under the heading "Asbestos Consulting and Testing" or go to our web site for a current list:
- **Asbestos Removal** (if necessary) may have to be performed by a Colorado-certified GAC. Removal, in accordance with Regulation No. 8, Part B, is required if the amount of asbestos-containing material that is friable or will become friable during demolition exceeds the trigger levels.
- **A Demolition Notification Application Form** must be submitted to the CDPHE, **even if no asbestos was found during the inspection**, along with payment of a notification fee and a **ten (10) working-day notification period** that is required before the demolition can commence.

During Demolition:

- Recycling of materials, such as concrete or wood, that are bonded or contaminated with asbestos-containing material (ACM), such as floor tile or mastic, is NOT permitted.
- Demolition of a building that has non-friable asbestos-containing vinyl asbestos tile (VAT) or tar-impregnated roofing materials remaining must be completed without causing the asbestos-containing materials to become friable. Concrete floors covered with floor tile shall be removed in large sections if possible. Operations such as crushing, pneumatic jacking, etc. of materials containing asbestos are not permitted.
- When imploding or burning a structure, ALL asbestos-containing material, regardless of type or quantity, **MUST** be removed prior to demolition.

For More Information or Forms, please contact:

Asbestos Compliance Assistance Group

Phone: (303) 692-3100

Fax: (303) 782-0278

Toll Free: 1-800-886-7689

Web page: <http://www.colorado.gov/cdphe/asbestos>

Email address: cdphe.asbestos@state.co.us

Have your project inspected by a Colorado-certified asbestos building inspector before you begin renovation or demolition activities

Violation of asbestos regulations can result in monetary penalties and project delays.



Colorado Department
of Public Health
and Environment

DEMOLITION NOTIFICATION APPLICATION FORM

APPLICATION FEE MUST ACCOMPANY THIS FORM
INCOMPLETE APPLICATIONS WILL BE RETURNED

(Notice will be mailed to the demolition contractor unless specified otherwise)

Fee: \$50 + \$5 per 1000 ft² of area to be demolished = \$ _____
(See instruction #1 on reverse side)

Submit form to:
Permit Coordinator
Colorado Dept. of Public
Health and Environment
APCD-IE-B1
4300 Cherry Creek Drive
South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
Asbestos@state.co.us

Demolition Contractor	Company Name:			Demolition Site	Building Name:		
	Street:				Square footage of footprint of facility or portion of facility to be demolished		
	City:	State:	Zip Code:		Street:		
	Telephone # ()	Fax # ()			City:	County:	Zip Code:
	Project Manager:	Cell Phone # ()			Proposed Start Date		Proposed Completion Date
	I certify that the Certified Asbestos Building Inspector has informed me about any remaining asbestos-containing materials in the facility to be demolished.				Method/Mean of Demolition:		
Signature:		Print Name:		<input type="checkbox"/> Wrecking <input type="checkbox"/> Burning [†] <input type="checkbox"/> Implosion <input type="checkbox"/> Moving <input type="checkbox"/> Other, specify:			
Landfill Receiving Building Debris:			[†] Burning requires additional authorization - Please call (303) 692-3100 and ask to speak to the Open Burning Permit Coordinator				
Asbestos Removal Contractor	General Abatement Contractor (GAC)			Building Owner	Owner's Name:		
	CDPHE Asbestos Permit #	Total Quantity of Asbestos Removed			Street:		
	Date Removal Completed	Telephone # ()			City:	State:	Zip Code:
	Type(s) of Asbestos-Containing Material Removed:				Contact's Name:		Telephone # ()
Certified Asbestos Inspector Certification	With my signature below, I certify that I possess current AHERA accreditation and state of Colorado certification as an Asbestos Building Inspector. I also certify that I have thoroughly inspected the facility to be demolished, as listed in the Demolition Site block above, sampled all suspect materials, had all samples analyzed for the presence of asbestos by a NVLAP-accredited laboratory, and have determined that no Regulated ACM exists anywhere in the facility.* I also certify that I have informed the owner/operator of the facility or the demolition contractor that any asbestos-containing material allowed to stay in the facility must remain non-friable during demolition. Specify type(s) of ACM remaining, below: (check appropriate box(es)) :						
	<input type="checkbox"/> Vinyl asbestos floor tile (VAT) <input type="checkbox"/> VAT mastic <input type="checkbox"/> Tar/asphalt impregnated roofing <input type="checkbox"/> Asphaltic pipe coatings <input type="checkbox"/> Spray-applied tar coatings <input type="checkbox"/> Caulking <input type="checkbox"/> Glazing <input type="checkbox"/> Other, specify:						
	Signature: (in Blue Ink)			Printed Name:			
Date of Final Inspection	CO Cert #	Expiration Date	Telephone # ()	Cell Phone # ()			
Building Owner or Contractor	I verify that all refrigerants from air conditioning/refrigeration appliances have been properly recovered in accordance with AQCC Regulation No. 15 (for information on CFC requirements call 692-3100). I further verify that all luminous exit signs (containing radioactive material) have been disposed of in accordance with 6 CCR 1007-1 subpart 3.6.4.3 (for information on luminous exit sign requirements call 303-692-3320).						
	CHECK THE APPROPRIATE BOX:						
<input type="checkbox"/> Building Owner		<input type="checkbox"/> Contractor		<input type="checkbox"/> Other		Date:	
Signature:			Print Name:				
THIS BOX IS FOR CDPHE USE ONLY:							
Postmark or Hand Delivery Date:			Approved By:		Code: <input type="checkbox"/> initial-310 <input type="checkbox"/> transfer-380		
Form of Payment & #:			Permit #:		Record #	Date Issued:	

* Regulated asbestos-containing materials means (a) friable asbestos-containing 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, or abrading 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 regulated by this regulation. Note: Asbestos-containing sheet vinyl and linoleum must be properly abated/removed prior to demolition.

Demolition Notice Application Form Information and Instructions:

1. To determine the proper amount for the application fee, multiply the length of the building (lineal feet) by the width of the building (lineal feet). Divide the total by 1000, round the result up to the next whole number and multiply this number by 5\$. This is the square footage fee. Add the square footage fee to the base fee of \$50 and submit the total amount to the Division along with the demolition notice application form.

Ex: 40ft. x 52ft. = 2080 square feet; $2080/1000 = 2.08$ (round up to 3); $3 \times \$5 = \15 (square footage fee) $\$15 + \50 (base fee) = \$65 total application fee.
2. In the event that only a load-bearing member is demolished, the square footage fee is calculated the same way as in "number 1". However, you only need to calculate the actual footprint of the load-bearing member.
3. All spaces must be filled in on the application. If the information is not applicable, please write N/A. Incomplete information may result in a delay in processing the application, which may delay your project.
4. We must have proposed start and end dates for the demolition.
5. There is a 10 working-day advance notification requirement for permit applications. Day 1 is the 1st business day following the postmark or hand-delivery date. (Working Day means Monday through Friday and including holidays that falls on any of the days Monday through Friday.) If a demolition follows a **permitted** or **noticed** asbestos abatement project within 10 business days of the completion of the abatement project, the 10 working-day advance notification requirement will be waived.
6. The Colorado-certified asbestos inspector must sign the form in blue ink. (Original signature must be submitted.) The building owner or the contractor must also sign the application certifying that all refrigerants and luminous signs have been properly removed from the site.
7. If the notice must be modified after the application has been submitted, notify the Asbestos Unit by fax at 303-782-0278 or e-mail at asbestos@state.co.us by the end of the next regular State business day following the modification. Project modifications include discovery of unidentified asbestos-containing materials, changes in scope of work or the scheduled work dates. Please use the Permit/Notice Modification Form.
8. Recycling of materials, such as concrete or wood, that are bonded or contaminated with asbestos-containing material (ACM), such as floor tile or mastic, is NOT permitted.
9. Demolition of a building that has non-friable asbestos-containing materials remaining must be completed without causing the asbestos-containing materials to become friable. Burning a building with any asbestos-containing materials is PROHIBITED. Concrete floors covered with floor tile shall be removed in as large sections as possible. Operations such as crushing, pneumatic jacking, etc. of materials containing asbestos are not permitted.
10. All provisions of laws and ordinances governing this type of work shall be complied with whether specified herein or not. Demolition permits or approval notices appearing to give authority to violate or override the provisions of any other laws or ordinances shall be invalid. Furthermore, demolition permits or approval notices issued in error or based upon incorrect information supplied to the Division shall also be invalid.