

# STATE OF COLORADO

Bill Ritter, Jr., Governor  
James B. Martin, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

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<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

## **BUILDING RENOVATION AND DEMOLITION WHAT YOU NEED TO KNOW!**

### ***Are you Remodeling, Renovating or Demolishing?***

You may be subject to State and Federal Regulations requiring inspection for asbestos. Avoid penalties and delays: If you are impacting greater than 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 illegal to improperly disturb asbestos containing materials!***

Asbestos can be found in these and 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 trigger levels, they **must be inspected for asbestos** by a state-certified asbestos building inspector, unless a building was built after October, 1988, **AND** the architect or engineer who built it signs and submits a statement that no ACM was specified or used in the construction of the building – then no inspection is needed. Contact CDPHE or go to our web site for a current list of Asbestos Inspectors [www.cdphe.state.co.us/ap/asbestos](http://www.cdphe.state.co.us/ap/asbestos), or Asbestos Building Inspector Consulting firms can be found in the yellow pages of most telephone books, under the heading "Asbestos Consulting and Testing".
- If the amount of ACM to be disturbed exceeds the following trigger levels, then an 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 SFRD's, 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 certified asbestos removal contractor (General Abatement Contractor) must remove ACM that are regulated or may become regulated before they are disturbed by renovation or demolition activities. Contact CDPHE or go to our web site for a current list of General Abatement Contractors ("GAC's"). GAC's can also be found in the yellow pages of most telephone books, under the heading, "Asbestos Abatement".
- **Notification:** A written application to CDPHE for a notification/permit may be required, along with payment of a fee and a **ten (10) working-day waiting 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 or 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 state-certified asbestos inspector. Contact CDPHE or go to our web site for a current list of Asbestos Inspectors or Asbestos Building Inspector Consulting firms can be found in the yellow page of most telephone books, under the heading, "Asbestos Consulting and Testing".
- **Asbestos Removal** (if necessary) may have to be performed by a Colorado-certified GAC. **Any ACM** that is friable or will be made friable during demolition activities must be removed prior to demolition. Removal, in accordance with Regulation No. 8, 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 waiting period** that is required before the demolition can proceed.

### ***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 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, please contact:***

Asbestos Compliance Assistance Group  
Asbestos and Demolition Permit Coordinator  
Phone: (303) 692-3100  
Fax: (303) 782-0278  
Toll Free in CO: (800) 886-7689 X-3100  
Web page: <http://www.cdphe.state.co.us/ap/asbestos>  
Email address: [asbestos@state.co.us](mailto:asbestos@state.co.us)

All asbestos abatement and demolition permit application forms are available from our web site, via an email request or by calling the asbestos program.

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HAVE YOUR PROJECT INSPECTED BY A COLORADO-CERTIFIED ASBESTOS  
BUILDING INSPECTOR **BEFORE YOU BEGIN**

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



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# 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 ft<sup>2</sup> 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

<b>Demolition Contractor</b>	Company Name:			<b>Demolition Site</b>	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.								
	Signature:				Print Name:			Method/Means of Demolition:  <input type="checkbox"/> Wrecking <input type="checkbox"/> Burning <sup>†</sup> <input type="checkbox"/> Implosion <input type="checkbox"/> Moving <input type="checkbox"/> Other, specify:	
Landfill Receiving Building Debris:							<sup>†</sup> Burning requires additional authorization – Please call (303) 692-3100 and ask to speak to the Open Burning Permit Coordinator		
<b>Asbestos Removal Contractor</b>	General Abatement Contractor (GAC)			<b>Building Owner</b>	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:	
<b>Certified Asbestos Inspector Certification</b>	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: <b>(check appropriate box(es))</b> :								
	<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 # ( )	
<b>Building Owner or Contractor</b>	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		
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.



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**ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM**  
FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.

<b>Single Family Residential Dwelling (SFRD)</b> > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum <input type="checkbox"/> code 200   \$0 <input type="checkbox"/> code 205   \$60 <input type="checkbox"/> code 210   \$60 <input type="checkbox"/> code 230   \$180 <input type="checkbox"/> code 290   \$300 <input type="checkbox"/> code 265   \$420 <input type="checkbox"/> code 180/280   \$55	<b>Public and Commercial Building, School, and Single-Family Residential Dwelling:</b> > 260 LF or 160 SF or a 55-gallon drum <input type="checkbox"/> code 100   \$0 <input type="checkbox"/> code 105   \$80 <input type="checkbox"/> code 110   \$80 <input type="checkbox"/> code 130/232   \$400 <input type="checkbox"/> code 190/292   \$800 <input type="checkbox"/> code 165/267   \$1200 <input type="checkbox"/> code 177   \$80	Courtesy Notice Non-Public Access Notice (Opt Out) Notice 30-Day Permit 90-Day Permit 365-Day Permit Notice or Permit Transfer	Courtesy Notice Non-Public Access Notice Notice 30-Day P&C/SFRD Permit 90-Day P&C/SFRD Permit 365-Day P&C/SFRD Permit Phase Permit # of Multiple	Submit form to: Permit Coordinator Colorado Dept. of Public Health and Environment AP&C-IE-B1 4300 Cherry Creek Drive South Denver, CO 80246-1530 Phone: 303-692-3100 Fax: 303-782-0278 asbestos@state.co.us
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<b>Abatement Contractor</b>		<b>Abatement Site</b>		<b>Building Owner</b>	
Company Name	Street Address	City	State	Zip code	Owner Name
Street Address	City	State	Zip code	Contact	Street Address
City	State	Zip code	City	State	Zip code
Telephone #	Fax #	City	County	Zip code	City
Project Supervisor	CO Cert #	Building Contact	Cell Phone #	Telephone #	Fax #
<b>Project Personnel</b>			<b>Project Information</b>		
CO Project Mgr. Name	Start Date	End Date	Start Time	End Time	Landfill Name
Cell Phone #	CO Project Designer #	Start Time	AM	PM	Street Address
CO Project Designer Name	Check the day(s) of operation: Su M Tu W Th F Sa	Emergency?	Y <input type="checkbox"/> N <input type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc.	City
Cell Phone #	CO Project Designer #	Linear Feet / Type	Square Feet / Type	55 gal. Drums	State
Consulting Firm Name	Registration #	<b>CDPHE Use Only</b>			Zip code
A.M.S. Name	Cell Phone #	Postmark or Delivery date	Approved by:	PM req'd?	Record #
Cell Phone #	CO A.M.S. Cert #	Form of Payment & #	Y N W	Date Issued:	
		Permit #			

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

## 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 1<sup>st</sup> 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](mailto: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.

## Asbestos Permit/Notice Application Form Information and Instructions:

1. There is a 10 working-day advance notification requirement for permit applications. Day 1 is the 1<sup>st</sup> 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.)
2. If you wish to request a deviation from Colorado Regulation No. 8, Part B, a Variance Request Form must be completed and submitted to the Division with a \$50 review fee. Variances must be submitted on the Division's form to be accepted.
3. Please be specific on the types of materials to be abated and the work practices to be used.
4. All spaces must be filled in on the permit. 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.
5. In the "Abatement Site" box, we must have a building contact telephone number on the permit application before it can be processed. This must be someone other than the GAC or its employee who can provide the Division access to the site if the GAC is not on site.
6. If there needs to be modifications to the notice after the application has been submitted, notify the Asbestos Unit by fax at 303-782-0278 or e-mail at [asbestos@state.co.us](mailto:asbestos@state.co.us) before the end of the next regular state business day following the modification. Project modifications include changes in scope of work, AMS, supervisor, the scheduled work dates or scheduled work times. Please use the Permit/Notice Modification Form.
7. Supporting digital photographs or documentation may be e-mailed to: [asbestos@state.co.us](mailto:asbestos@state.co.us)
8. Prior to the start of any asbestos abatement in an area of public access of a non-school building, in which the amount of asbestos-containing material to be abated exceeds 1,000 linear feet on pipes or 3,000 square feet on other surfaces, a Project Designer certified under Regulation No. 8, Part B, shall develop a written project design.
9. Prior to the start of any asbestos abatement in a school building in which the amount of friable asbestos-containing material to be abated exceeds 3 linear feet on pipes or 3 square feet on other surfaces, a written project design shall be developed by a Project Designer certified under these regulations, in accordance with paragraph IV.G.7 of Regulation No. 8, Part B.
10. A Project Manager is required on all projects where the amounts of friable asbestos-containing materials to be abated exceed 1,000 linear feet and/or 3,000 square feet. The Project Manager requirement may be waived; please see section III.B.6 of the CAQCC's Regulation No. 8, Part B, for more information.
11. All provisions of laws and ordinances governing this type of work shall be complied with whether specified herein or not. Abatement permits or approval notices appearing to give authority to violate or override the provisions of any other laws or ordinances shall be invalid. Furthermore, abatement permits or approval notices issued in error or based upon incorrect information supplied to the Division shall also be invalid.