

Asbestos Issues In Maine

Asbestos is a naturally occurring mineral, very strong and heat resistant, which was made into nearly three thousand products ranging from pipe insulation to cement wallboard. Asbestos has been **proven** to cause lung cancer, mesothelioma, and asbestosis, and needs to be treated with respect and handled by professionals under controlled conditions.

Currently no state or federal laws require removal or repair of ACM except in schools, but it is most important to maintain ACM in good condition to prevent serious health problems that result from breathing asbestos fibers. Some materials in good condition, like flooring and siding, can be left alone until they will be impacted by renovation or demolition activities or they can be covered over. Be careful to document the locations of covered ACM, because real estate laws require disclosure of all ACM at the time of sale.

Once a decision has been made to impact asbestos-containing material (ACM) such as pipe insulation, boiler breeching, vinyl asbestos tile, transite (cement board), siding or roofing in amounts greater than 3 linear or square feet, it **must** be removed or repaired by professionals unless specifically exempted from the DEP regulations. For example, small amounts of floor tile in good condition may be removed by a non-licensed company using an infrared tile lift machine or a heat gun provided the tiles come up whole, and **owner-occupied single family homeowners** can remove their own asbestos siding following DEP guidelines.

Maine regulations generally require that asbestos activities be performed by a company licensed by the DEP, that the building owner (or abatement company) notify the DEP of the dates of removal, that certain work practices be followed, and that the area be inspected and tested for asbestos prior to reoccupancy. In general, the less likely the material is to release-fibers, then the less strict the regulatory requirements needed to control the release of asbestos fibers. Siding and roofing jobs are generally easier and less expensive than pipe insulation projects. When hiring an asbestos abatement contractor you want to be sure to get a contractor that will deliver the best quality of service for the best price. Be sure to obtain several bids on your project, as costs can vary considerably. Items to think about when hiring a contractor include:

- the contractor's history of and references for similar projects;
- cost - make sure comparable services are being quoted;
- details of the exact services to be provided, including monitoring, project design, replacement, damages, etc.;
- the contractor's recent history of violations of state or federal asbestos laws;
- the type and amount of liability insurance carried by the contractor;
- whether to hire a monitoring firm to ensure the removal is done in accordance with regulations.

Most importantly, talk to each contractor, learn exactly what they will do for you, check your comfort level with them, and then hire based upon overall quality of services, not just cost.

Transportation and disposal of ACM waste are regulated by the DEP as well. Once a job is complete, the waste must be transported by a DEP-licensed "non-hazardous waste transporter" to a landfill approved to accept friable asbestos. Intact non-friable asbestos waste, like roofing, cement pipe, siding, and flooring, which is removed whole can be disposed of at local landfills in accordance with the landfill's license requirements.

If you have any questions about asbestos, or state and federal asbestos regulations, please contact the DEP Asbestos Hazard Prevention Program at (207) 287-2651 or visit our website at www.maine.gov/dep/rwm/asbestos/index.htm.

Removal of Asbestos-Containing Exterior Siding from Owner-occupied Single Family Residences

Asbestos-containing siding was a common building material in Maine during the middle part of this century. The exterior siding material is durable and cement-like and much less likely to release fibers than other asbestos-containing materials like pipe covering and boiler insulation.

Maine's asbestos regulation allows a homeowner who is living in their single family home to remove their own siding following the removal procedures described below. You must hire a licensed asbestos abatement contractor if you want anyone else to remove your asbestos siding for you. The removal of asbestos siding from multi-family dwellings and commercial buildings must be done by a Maine-licensed asbestos abatement contractor. Generally, the removal of asbestos siding by an asbestos abatement contractor is not as costly as projects involving the removal of asbestos-containing thermal system insulation.

Asbestos siding removal procedures for homeowners removing asbestos siding from their owner-occupied single family home

Work Practices

1. Set up a regulated area/exclusion zone with barrier tape or barricades. Do not allow unauthorized persons inside the area.
2. Place a drop cloth under the area in which you are working to collect any falling debris. After your job is complete, wet, roll-up, and double bag the drop cloth and dispose of it as asbestos waste
3. Wet the siding during the removal, and keep it wet at all times while working (be careful of electricity!)
4. Working from top to bottom, remove siding as whole as possible by pulling the nails out rather than breaking the siding. Please keep in mind that once asbestos siding is significantly broken, drilled or sawed, it becomes friable and must be handled by licensed professionals.
5. Double bag (6-mil plastic each) all debris for disposal. Use burlap bag as a third bag (inner) to prevent tears in plastic. An alternative wrapping method is to stack 6 to 10 pieces of whole siding on 2 layers of pre-cut 6-mil poly sheeting (sheeting is easier to obtain and less expensive than bags) and then securely sealing both layers with duct tape. The bagged (or wrapped) siding must be labeled as asbestos waste (labels are available at some hardware stores).

Protecting yourself

6. Homeowner should wear:
 - Protective disposable suits (such as Tyvek), or coveralls that are handled and washed separately from other laundry;
 - Respirators - half-faced (minimum), with purple (HEPA) filters (no beards); and
 - Disposable gloves/booties are also recommended
7. Homeowner should shower immediately after finishing each work session. Wear the respirator into shower and remove only after completely wetting the body. Disposable suits and respirator filters should be disposed as asbestos waste.
8. Dispose of material either at a commercial landfill, Pine Tree Landfill in Hampden or Waste Management of Norridgewock (**call them first** to see if they will accept your non-friable asbestos waste), or at a DEP-approved C&D landfill. Call your landfill to see if they can accept your non-friable asbestos waste (transfer stations can not accept any asbestos materials). Alternatively, call a solid waste disposal company or an asbestos abatement contractor to pick up and dispose of your asbestos waste for you.

Asbestos Inspections Required Prior to Demolitions and Renovations

In Maine, improper demolition activities may be the greatest single source of asbestos exposure to the general public and to tradespeople working on the project. Prior to demolition or renovation of a building, the owner must ensure that the work will not disturb more than 3 square feet or 3 linear feet of asbestos-containing material (ACM). Owners of buildings, other than residential buildings with less than 5 units, must have a DEP-licensed Asbestos Consultant inspect the building (or area) for asbestos. Residential buildings with 2-5 units can be surveyed for likely asbestos-containing materials by knowledgeable non-licensed people (e.g. building inspectors and CEO's who have asbestos-awareness training); any materials likely to contain asbestos must be tested by a DEP-certified inspector or assumed to be ACM.

If ACM is identified in a building that will be demolished, or any building materials are assumed to be ACM, these materials must be removed by a DEP-licensed Asbestos Abatement Contractor before the demolition. Similarly, if any ACM is identified or assumed in areas of a building that will undergo renovation, the ACM must be removed by a DEP-licensed Asbestos Abatement Contractor before the renovation occurs. Intact asbestos-containing flooring and roofing may be left in place during demolition of a building if the demolition is performed by a DEP-licensed Asbestos Abatement Contractor using large equipment in accordance with the Maine "Asbestos Management Regulations".

Demolition Notification

State and federal regulations require that building owners notify the DEP at least 5 working days prior to demolition of a building (other than single-family residences). This notification is required even if no asbestos is identified in the building. Forms are available from DEP and your local code enforcement office.

Please note: OSHA regulates asbestos anytime an employer/employee relationship exists. OSHA worker protection rules exist and must be followed for abatement activities. Contact the local OSHA office with questions.

Asbestos Services in Maine
(Firms listed alphabetically)

- | <u>A. State Agencies</u> | <u>Telephone #'s</u> |
|---|-----------------------------|
| 1. Maine DEP (licensing, enforcement, landfilling) | (207)287-2651 |
| 2. Maine BGS (school assistance) | (207)624-7360 |
| 3. State OSHA (Augusta) (public agencies/state buildings/employees) | (207)626-9160 |
| 4. State OSHA (Bangor) (public agencies/state buildings/employees) | (207)941-8177 |
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| <u>B. Federal Agencies</u> | |
| 1. OSHA - private employers | (207)780-3178 |
| 2. US EPA - Boston | |
| a. Schools (contact DEP first) | (617)918-1524 |
| b. Air standards (NESHAP) | (617)918-1852 |
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| <u>C. Landfills</u> | |
| <u>Licensed to accept friable asbestos waste:</u> | |
| 1. Waste Management - Norridgewock, ME | (207)634-2714 |
| 2. Turnkey Landfill - Rochester NH | (603)332-2386 |
| 3. Several out-of-state, contact a licensed contractor | |
| <u>Licensed to accept non-friable asbestos waste:</u> | |
| 1. Hatch Hill, Augusta, Maine (Augusta area only) | (207)626-2440 |
| 2. City of Bath, Bath, Maine (Immediate area res.) | (207)443-8356 |
| 3. City of Presque Isle, Presque Isle, Maine (member towns only) | (207)764-2507 |
| 4. Pine Tree Landfill (formerly Sawyer's), Hampden, Maine | (207)862-4200 |
| 5. Other Local Landfills (Call your area landfill) | |
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| <u>D. Asbestos Laboratories: includes Air (A); Bulk (B)</u> | |
| <u>In-State</u> | |
| 1. Air Quality Management Services, Inc., Gray, A | (207)657-7360 |
| 2. Environmental Management Inc., Brunswick, A | (207)729-7549 |
| 3. Environmental Safety & Hygiene Assoc. Inc., Westbrook, A | (207)854-2711 |
| 4. Environmental Safety Professionals, Brewer, A & B | (207)989-6848 |
| 5. EnviroSafe Solutions, Inc., S. Paris, A & B | (207)897-1443 |
| 6. ICON Environmental, Augusta, A | (207)458-7143 |
| 7. McCarthy Environmental Services, Belgrade Lakes, A | (207)293-4821 |
| 8. MidCoast Environmental, Inc., Standish A | (207)837-0564 |
| 9. Northeast Test Consultants, Westbrook, A | (207)854-3939 |
| 10. Pinkham Environmental, Inc. Boothbay, A | (207)837-0571 |

Out-of-State

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|---|---------------|
| 1. AEC Laboratories, LLC, Weymouth, MA, A & B | (781)337-0567 |
| 2. Air Testing Services - W. Newbury, MA, A | (978)499-0115 |
| 3. AmeriSci Boston, E. Weymouth, MA, A & B | (888)724-5221 |
| 4. AXIOM Partners, Inc., Wakefield, MA, A | (781)213-9198 |
| 5. Covino Environmental Associates, Inc., Woburn, MA, A&B | (781)933-2555 |
| 6. Eastern Analytical Services, Inc., Elmsford, NY, A&B | (914)592-8380 |
| 7. EMSL Analytical - Westmont, NJ, A & B | (856)858-4800 |
| 8. Environmental Hazards Services LLC, Richmond, VA, A & B | (804)275-4788 |
| 9. International Asbestos Testing Lab - Mt. Laurel, NJ, A & B | (856)231-9449 |
| 10. Jacques Whitford Company, Inc., - Lincoln, RI, A | (401)312-8005 |
| 11. LFR, Inc., Braintree, MA A & B | (781)356-7300 |
| 12. McCall & Spero, Louisville, KY A & B | (800)841-0180 |
| 13. ProScience Analytical Services, Inc., Woburn, MA, A & B | (781)935-3212 |
| 14. R.I. Analytical Laboratories, Inc., Warwick, VA, A & B | (401)737-8500 |
| 15. SanAir Technologies Laboratory, Inc., - Powhatan, VA, A & B | (804)897-1177 |
| 16. Schneider Laboratories, Inc. - Richmond, VA, A & B | (804)353-6778 |
| 17. Scientific Analytical Institute, Inc, Greensboro, NC, A & B | (336)292-3888 |
| 18. The Scott Lawson Group, Bow, NH, A & B | (800)645-7674 |
| 19. TRC Environmental Corp., Windsor, CT – A & B | (860)298-9692 |
| 20. URS Corp. - Salem, NH, A & B | (603)893-0616 |

E. Asbestos Training Providers

In-State

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| 1. Central Maine Community College, Auburn | 800-891-2002 |
| 2. Environmental Management, Inc., Brunswick | (207)729-7549 |
| 3. Environmental Safety Professionals, Brewer | (207)989-6848 |
| 4. Klane's Education Information Training Hub, Fairfield | (207)453-5348 |
| 5. Northeast Test Consultants, Westbrook | (207)854-3939 |

Out-of-State

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| 1. ATC Associates, Inc., W. Springfield, MA | (800)634-8165 |
| 2. Institute for Environmental Education, Wilmington, MA | (800)823-6239 |
| 3. Portsmouth Naval Shipyard, Portsmouth, NH | (207)438-2038 |

F. Licensed Asbestos Consultants

In-State

Telephone #'s

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| 1. Abatement Alliance – Rumford | (207) 364-3846 |
| 2. Abatement Professionals – Westbrook | (207) 773-1276 |
| 3. Acadia Contractors, LLC – Turner | (207) 225-5400 |
| 4. Air Quality Management Services, Inc, - Gray | (207)657-7360 |
| 5. Allied Engineering, Inc. – Portland (inspection & design only) | (207)221-2260 |
| 6. Bates Environmental Health & Safety, - Wayne | (207)685-9030 |
| 7. Commercial Industrial Environments – Brunswick (inspection & monitoring only) | (207)725-9211 |
| 8. Eastern Skies Environmental Services, - Hudson | (207)327-1127 |
| 9. Environmental Management, Inc. - Brunswick | (207)729-7549 |

10. Environmental Safety & Hygiene Assoc., Inc. - Westbrook	(207)854-2711
11. Environmental Safety Professionals - Brewer	(207)989-6848
12. Envirosafe Solutions, Inc. S. Paris	(207)897-1443
13. Facility Management Group, Inc. - Dexter	(207)924-0003
14. Maine Housing – Augusta (inspection)	(207)626-4600
15. ICON Environmental Consultants - Augusta	(207)458-7143
16. Klane's Education Information Training Hub, Fairfield	(207)453-5348
17. McCarthy Environmental Services, Belgrade Lakes	(207)293-4821
18. MidCoast Environmental, Inc., - Standish (inspection & monitoring only)	(207)837-0564
19. Morrissey Environmental - Lewiston	(207)783-4260
20. New Meadows Abatement, Bath	(207)443-1071
21. Northeast Test Consultants - Westbrook	(207)854-3939
22. Northeastern Env. Services - Pittsfield	(207)487-3091
23. Pinkham Environmental, Inc. – Boothbay (inspection & monitoring only)	(207)837-0571
24. Ransom Environmental Consultants, Portland (inspection only)	(207)772-2891
25. Riverside Lane Corp., Ellsworth	(207)667-4169
26. Summit Environmental, Lewiston (inspection only)	(207)795-6009

Out-of-State

1. Absolute Air Quality, Portsmouth, NH (inspection only)	(877)320-7373
2. AEC Laboratories, LLC, Weymouth, MA	(781)337-0567
3. Air Testing Services - W. Newbury, MA	(978)499-0115
4. ALG Environmental Consulting LLC - Derry, NH	(603)216-1350
5. ATC Associates, Inc. – Richmond, VT	(802)434-2113
6. Axiom Partners, Inc., Wakefield, MA	(781)213-9198
7. Bureau Veritas North America, Inc., Beverly, MA	(978)299-3045
8. Connor Environmental Services, Baltimore, MD (inspection only)	(401)292-7971
9. Covino Environmental Associates, - Woburn, MA	(781)933-2555
10. EFI Global, Inc., - -Andover, MA	(978)688-3736
11. EnviroBusiness, Inc. – Burlington, MA (inspection only)	(781)273-2500
12. FLI Environmental, Inc, Dedham, MA	(781)251-0040
13. Hillmann Group, Union, NJ	(908)688-7800
14. Jacques Whitford Company, Inc., - Lincoln, RI	(401)312-8005
15. Mabbett and Associates, Inc. - Bedford, MA (inspection only)	(781)275-6050
16. Terracon Company, - Manchester, NH	(603)647-9700
17. LFR, Inc., Braintree, MA A & B	(781)356-7300
18. RPF Associates, Inc. - Northwood, NH	(603)942-5432
19. SPEC Consulting, LLC, Albany, NY (inspection only)	(518)438-6809
20. URS Corporation - Salem, NH	(603)893-0616
21. VERTEX Air Quality Services, LLC, Weymouth, MA	(781)952-6000
22. Wilcox & Barton, Inc. – Moretown, VT (inspection & design only)	(802)496-4747

G. Licensed Asbestos Contractors**In-State****Southern**

Abatement Professionals, Westbrook	(207)773-1276
Abram Environmental, Windham	(207)892-7045
BioSafe Environmental Solutions, Westbrook	(207)854-5262
Northeast Test Consultants, Westbrook	(207)854-3939
Portland Diversified Services, Westbrook	(207)856-5660

Central

Acadia Contractors, LLC, Turner	(207)225-5400
Atlantic Construction Services Corp., Auburn	(207)783-1908
Capital Area Abatement, N. Monmouth	(207)446-2944
G & E Roofing, Inc., Augusta (roofing only)	(207)622-9503
Gladu Roofing Co., Lewiston	(207)782-7081
Morrissey Environmental, Lewiston	(207)783-4260
New Meadows Abatement, Bath	(207)443-1071
RJ Enterprises, Brunswick	(207)373-0344

Northern

Aroostook Roofing, Caribou (roofing only)	(207)498-3362
Bangor Abatement, Inc, Hampden	(207)862-2824
County Abatement, Inc., Caribou	(207)498-2709
G. R. Roofing, Bangor (roofing & siding only)	(207)262-5818
Northeastern Environmental Services, Pittsfield	(207)487-3091
Riverside Lane Corporation, Ellsworth	(207)667-4169
Roof Systems of Maine, Bangor (roofing only)	(207)947-0195
Statewide Asbestos Removal, Plymouth	(207)257-4715

Out-of-State

A-BEST Abatement, Salem, NH	(603)893-4696
Advanced Building Systems, Inc, Salem, NH	(603)893-0380
Air Quality Experts, Inc, Atkinson, NH	(603)894-6465
Bestech Inc. of Connecticut, Ellington, CT	(860)896-1000
Brandenburg Industrial Services Co., Bethlehem, PA	(610)691-1800
Catamount Environmental, Inc., Wilmington, VT	(802)464-2754
Charter Environmental, Inc, Wilmington, MA	(978)658-2232
Classic Environmental, Inc., - Clifton Park, NY	(518)591-0234
Commonwealth Contracting Services, LLC, Brockton, MA	(508)941-6868
CST Environmental, LP, Brea, CA	(714)672-3500
Dec-Tam Corporation, N. Reading, MA	(978)470-2860
Environmental Restorations, Inc – Hampstead, NH	(603)329-6101
EnviroVantage d/b/a Leadsources, Epping, NH	(800)640-5323
LVI Environmental Services Inc., Everett, MA	(617)389-8880
MARCOR Remediation, Inc., Wilmington, MA	(978)657-5445
Marcor Remediation, LLC, Wilmington, MA	(978)657-5445

McConnell Enterprises, Inc., Essex, MA	(978)768-6078
Mecho Contracting, Inc., Methuen, MA	(978)569-3072
Mill City Environmental Corporation, Lowell, MA	(978)654-6741
SMS Enterprises, Inc., Lawrence, MA	(978)580-0954
Stallion Companies, LLC, Nashua, NH	(888)522-6758
Tantara Associates Corp., Worcester, MA	(508)752-5599
Terrasen Environmental Solutions, Inc., Old Town, NJ	(732)525-1015
The Aulson Company, Methuen, MA 4500	(978)975-
TMC Services, Inc., Bellingham, MA	(508)966-3737