



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAUL R. LEPAGE
GOVERNOR

PATRICIA W. AHO
COMMISSIONER

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, needs to be treated with respect and handled by professionals under controlled conditions.

Currently no state or federal laws require removal or repair of asbestos-containing materials (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 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. **You must hire a licensed asbestos abatement contractor if you want anyone else to remove your asbestos siding for you.** If you are a single-family homeowner, we recommend you contact us (1-800-452-1942) before you attempt to remove any (exempted) asbestos-containing material for further information on what you can and can't do and how to remove it safely.

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 re-occupancy. 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.

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 (must be containerized/wrapped in 2 layers or bags of 6-mil poly) can be disposed of at local landfills (call ahead) in accordance with the landfill's license requirements.

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

Asbestos Inspections Required Prior to Demolitions and Renovations

Maine's *Chapter 425 Asbestos Management Regulations*, and the federal *National Emissions Standards for Hazardous Air Pollutants 40 CFR Part 61* (NESHAP) require that prior to conducting a renovation or demolition activity buildings must be inspected for the presence of asbestos-containing materials. In lieu of inspection, the owner or operator may presume that building materials and components contain asbestos. The requirements are as follows:

- Buildings other than residential buildings with less than 5 units (ie institutional, commercial, public, industrial) must be inspected by a DEP-certified Asbestos Inspector.
- Residential buildings with 2-4 units that were built before 1981 can be surveyed for likely asbestos-containing materials by knowledgeable non-certified 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.
- Single-family residences and residential buildings built after 1980 are not required to be surveyed for asbestos-containing materials prior to demolition (residential buildings built after 1980 are not likely to contain ACM).
- Federal NESHAP regulations require inspection of single family homes and residential dwellings constructed of 2-4 units whose demolition is part of a commercial enterprise (storefront), or that are used for intentional burning (i.e. fire training exercises) since they are no longer considered to be residential unit(s). The inspection in these instances must be conducted by a Maine-certified Asbestos inspector. Other "change of use purposes" includes a building(s) demolished as part of a highway or road widening project, military housing and dwellings that are part of a development project.

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.

Hiring an Asbestos Contractor

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.

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 the material at a DEP-approved C&D landfill or call your local 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.

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.

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.

Asbestos Services in Maine (Firms listed alphabetically)

A. <u>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
B. <u>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
C. <u>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

Licensed to accept **non-friable** asbestos waste:

1. Hatch Hill, Augusta, Maine (Augusta area only) (207)626-2440
2. City of Bath, Bath, Maine (Immediate area res.) (207)443-8356
3. Juniper Ridge Landfill, West Old Town (207)862-4200 x245
3. City of Presque Isle, Presque Isle, Maine (member towns only) (207)764-2507
4. Other Local Landfills (Call your area landfill)

D. Asbestos Laboratories: includes Air (A); Bulk (B)

In-State

1. Air Quality Management Services, Inc., Lewiston, 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
11. Terracon Consultant, Inc., Westbrook, A (207)828-5374

Out-of-State

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. Asbestos Identification Laboratory, Woburn, MA, A & B (781)932-9600
5. ATC Associates, Woburn, MA, A & B (781)932-9400
6. AXIOM Partners, Inc., Wakefield, MA, A (781)213-9198
7. CEI Labs, Inc., Cary, NC, A & B (919)481-1413
8. Covino Environmental Associates, Inc., Woburn, MA, A&B (781)933-2555
9. Eastern Analytical Services, Inc., Elmsford, NY, A&B (914)592-8380
10. EMSL Analytical - Cinnaminson, NJ, A & B (800)220-3675
11. Environmental Hazards Services LLC, Richmond, VA, A & B (804)275-4788
12. International Asbestos Testing Lab - Mt. Laurel, NJ, A & B (856)231-9449
13. Jacques Whitford Company, Inc., - Lincoln, RI, A (401)312-8005
14. LFR, Inc., Braintree, MA A & B (781)356-7300
15. McCall & Spero, Louisville, KY A & B (800)841-0180
16. Optimum Analytical & Consulting, LLC, Salem, NH A&B (603)706-0263
17. ProScience Analytical Services, Inc., Woburn, MA, A & B (781)935-3212
18. R.I. Analytical Laboratories, Inc., Warwick, VA, A & B (401)737-8500
19. SanAir Technologies Laboratory, Inc., - Powhatan, VA, A & B (888)895-1177
20. Schneider Laboratories Global, Inc. - Richmond, VA, A & B (804)353-6778
21. Scientific Analytical Institute, Inc, Greensboro, NC, A & B (336)292-3888
22. The Scott Lawson Group, Bow, NH, A & B (800)645-7674
23. TRC Environmental Corp., Windsor, CT – A & B (860)298-9692

E. Asbestos Training Providers

In-State

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| 1. Abatement Professionals, Westbrook | (207)773-1276 |
| 2. Acadia Contractors, LLC, Turner | (207)225-5400 |
| 3. Environmental Management, Inc., Brunswick | (207)729-7549 |
| 4. Environmental Safety Professionals, Brewer | (207)989-6848 |
| 5. Klane's Education Information Training Hub, Fairfield | (207)453-5348 |
| 6. Maine Labor Group on Health, Augusta | (207)622-7823 |
| 7. 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 Professionals – Westbrook | (207)773-1276 |
| 2. Acadia Contractors, LLC – Turner | (207)225-5400 |
| 3. Air Quality Management Services, Inc. - Lewiston | (207)657-7360 |
| 4. Allied Engineering, Inc. – Portland (inspection only) | (207)221-2260 |
| 5. Atlantic Environmental Services, W. Kennebunk (inspection only) | (207)604-2581 |
| 6. Bates Environmental Health & Safety, - Orland | (207)242-0754 |
| 7. Credere Associates, LLC – Westbrook (insp. only) | (207)828-1272 |
| 8. Eastern Skies Environmental Services, - Auburn | (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 Services, Inc - Dexter | (207)924-0003 |
| 14. GEI Consultants, Inc., Falmouth (inspection) | (207)797-8918 |
| 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. Northeast Test Consultants - Westbrook | (207)854-3939 |
| 20. Northeastern Env. Services - Pittsfield | (207)487-3091 |
| 21. Pinkham Environmental, Inc. – Boothbay (inspection & monitoring only) | (207)837-0571 |
| 22. Ransom Environmental Consultants, Portland (inspection only) | (207)772-2891 |
| 23. Riverside Lane Corp., Ellsworth | (207)667-4169 |
| 24. Summit Environmental, Lewiston (inspection only) | (207)795-6009 |
| 25. Terracon Consultants, Inc. Westbrook | (207)828-5374 |

Out-of-State

1. Absolute Resource Associates, 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. ATC Associates, Inc. – Richmond, VT (802)434-2113
5. Axiom Partners, Inc., Wakefield, MA (781)213-9198
6. Covino Environmental Associates, - Woburn, MA (781)933-2555
7. EFI Global, Inc., Andover, MA (978)688-3736
8. EnviroBusiness, Inc. – Burlington, MA (inspection only) (781)273-2500
9. Environmental Sampling & Testing, Ashburnham, MA (978)827-4717
10. Hillmann Consulting, LLC, Union, NJ (908)688-7800
11. Mabbett and Associates, Inc. - Bedford, MA (inspection only) (781)275-6050
12. RPF Associates, Inc. - Northwood, NH (603)942-5432
13. The Scott Lawson Group, Bow, NH (800)645-7674
14. URS Corporation - Salem, NH (603)893-0616

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
EnviroVantage, Inc. Westbrook (207)856-5660
Tecta America of New England, Portland (roofing only) (207)878-1732

Central

- Acadia Contractors, LLC, Turner (207)225-5400
Atlantic Construction Services Corp., Auburn (207)783-1908
Environmental Services, Inc., Livermore (207)577-0897
G & E Roofing, Inc., Augusta (roofing only) (207)622-9503
Gladu Roofing Co., Lewiston (207)782-7081
Industrial Roofing, Corp., Lewiston (roofing only) (207)784-4551
New Meadows Abatement, Bath (207)443-1071
RJ Enterprises, Brunswick (207)373-0344

Northern

- Aroostook Roofing, Caribou (roofing only) (207)498-3362
County Abatement, Inc., Caribou (207)498-2709
G. R. Roofing, Bangor (roofing & siding only) (207)262-5818
Newport Demolition and Salvage, LLC, Newport (207)355-3180
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

Accolade Environmental Contracting, Corp., Plaistow, NH	(603)608-6454
A-BEST Abatement, Salem, NH	(603)893-4696
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, Boston, MA	(857)246-6800
Classic Environmental, Inc., - Clifton Park, NY	(518)591-0234
Commonwealth Contracting Services, LLC, Brockton, MA	(508)941-6868
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
Green Environmental, Inc, Norwell, MA	(617)479-0550
LVI Environmental Services Inc., Everett, MA	(617)389-8880
Mecho Contracting, Inc., Methuen, MA	(978)569-3072
NCM Demolition & Remediation, LP, Brea, CA	(714)672-3500
NCM Demolition and Remediation, LP Wilmington, MA	(978)657-5445
Northeast Remediation, Newburyport, MA	(617)389-9188
SMS Enterprises, Inc., Lawrence, MA	(978)580-0954
Tantara Associates Corp., Worcester, MA	(508)752-5599
The Aulson Company, Methuen, MA	(978)975-4500
TMC Services, Inc., Bellingham, MA	(508)966-3737
Universal Abatement Services, Inc., Lawrence, MA	(508)265-3149
Yankee Environmental Services, LLC., Newburyport, MA	(800)846-6254
Yankee Fiber Control, E. Providence, RI	(401)435-4390