



HOMEGUARD ENVIRONMENTAL

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ASBESTOS ABATEMENT
LEAD ABATEMENT
INSULATION SERVICES
LEAD RISK ASSESSMENT & CONSULTING
LEAD PROJECT PLANNING & DESIGN
MOLD ABATEMENT
RRP CERTIFIED



TO:

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ABOUT HOMEGUARD...

Our Company has been specializing in **Residential** and **Small Commercial abatement** since 1985. Serving Connecticut, **HOMEGUARD**, Environmental Services, provides a variety of Environmental Services for Homeowners, Condominiums, Cooperatives, Apartment Buildings, General Contractors, Architects, Engineers, Fuel Oil Companies, Banks, Insurance Companies, and others involved with Real Estate or Real Estate based services.

The Company has completed over 6,000 projects some of which include the **Sears Mansion**, and **Ralph Loren's Estate**, the **current or former homes of: Ivan Lendl, George C. Scott, J. Stillman Rockefeller, Sam Champion, Marcia Kramer, Chuck Scarborough, Michelle Marsh, Pat Reilly, Pete Gogolak, and Malcolm Pray, The Wilton Historical Society, The Bolivar** on the Upper West Side of Manhattan on Central Park West, **Surprise Lake Camp** in Cold Springs, NY. Additional projects include: **Cablevision**

of CT, **Silver Hill Hospital** in New Canaan, Westchester Medical Center, **Country Club of Darien, Stamford Hospital and St. Joseph's Medical Center, Mobil Oil, Canyon Ranch** in the Berkshires, and **United Artists Theaters, King & Low Heywood Thomas School, Temple Sinai** - Stamford; **United Methodist and First Congregational Churches** - New Canaan; **St. Peter's Church** - Norwalk, the **Second Congregational Church and Greenwich Synagogue** - Greenwich; and the **Perrott Memorial Library, Old Greenwich; Stamford Center for the Performing Arts Palace Theatre, and Crown Theatres.**

HOMEGUARD follows all applicable EPA, OSHA, CT Department of Health Services regulations, as applicable. All of the company's environmental technicians and supervisors are fully trained as required. Homeguard carries Worker's Compensation Insurance, General Liability Insurance, as well as Asbestos and Lead Liability Insurance.

We are complimented often by our clients, not only for the high quality of work which we performed, but also for the very courteous and sensitive manner in which we work with our clients to accommodate any of their special needs and/or concerns.

Numerous Real Estate Brokers and Agents, Property and Facility Managers, as well as General, Boiler, Roofing, Plumbing, and HVAC Contractors, and Fuel Oil Companies have chosen to work with **HOMEGUARD** on a repeat basis. These organizations have recognized our dedication to our clients, along with the unsurpassed service, which we provide.

We are certain that you, and anyone associated with the project, will be very pleased with our company, its employees, and the manner in which we complete your project. We hope that you'll select **HOMEGUARD** as your Environmental Contractor.



ENVIRONMENTAL PERSPECTIVES

HOMEGUARD ENVIRONMENTAL

Volume 26, # 2

Asbestos - It's Not Just on Pipes and Boilers! (A Guide to Building Materials that may Contain Asbestos)

You'd Be Surprised to Know...

For years, many who have been involved in Real Estate were of the belief that Asbestos in buildings and residential properties, was confined to either pipe or boiler insulation, usually located just in the basement areas. However, this belief is far from reality, and many are surprised when they learn of the myriad of places that Asbestos can be found.

ASBESTOS MATERIALS CAN BE FOUND INSIDE AND OUT!



A typical boiler covered with Asbestos Cement

used to secure, vinyl tile, rubber base molding, ceramic tiles, mirrors, wall tiles, Masonite® type paneling and carpeting. Coatings found under some metal kitchen sinks can also contain asbestos.

Transite panels also can line the walls, ceiling, or doors in a garage or boiler room. Some doors can actually be filled with asbestos fireproofing materials.

Asbestos is also a common element in many types of roofing materials, such as Transite (hard shingles), roofing felts, flat roofing, tar, various types of roofing cements and patching material as well hard cementitious siding. Often, Transite siding is covered over by aluminum or vinyl siding.

Other, materials that can contain asbestos, is the caulking or putty, which is used to secure the glass panels in window sashes or in fixed window systems such as bay windows, and Vermiculite insulation found in attics and behind walls.

(Refer to our Vermiculite Newsletter.)

Asbestos containing materials (ACM) commonly present in buildings, are typically found in basement areas, on heating pipes, on or in boilers and furnaces, (sometimes under sheet metal covers), and on water tanks and duct work.

Unfortunately, what is often surprising to property owners or real estate professionals, is that asbestos can also be found in wall and ceiling plasters, sheetrock and joint compounds, floor tiles and linoleum, textured ceilings, acoustical ceiling tiles, and all types of glues (mastics), which are



The roof on the house pictured above is covered with Transite roofing shingles, which contain Asbestos. From a distance this roof looks like any ordinary roof. In order to determine material content, a sample must be analyzed by a licensed lab.



A Partial, but Representative Listing of "SACM" Suspect Asbestos Containing Materials

Cement Pipes (Transite)	Elevator Brake Shoes
Cement Wallboard (Transite)	HVAC Duct Insulation
Cement Siding (Transite)	Boiler Insulation (Sheets or Cement)
Asphalt Floor Tile	Breaching Insulation
Vinyl Floor Tile (VAT)	Ductwork Vibration Connections
Vinyl Sheet Flooring (Linoleum)	Cooling Towers
Flooring Backing	Pipe Insulation (Corrugated Air-Cell, Block, etc.)
Mastics (Floor Tile, Carpet, Paneling, Ceiling Tile, etc.)	Heating and Electrical Ducts
Acoustical Plaster (Surfacing)	Electrical Panel Partitions
Decorative Plaster (Surfacing)	Electrical Cloth
Textured Paints/Coatings	Electric Wiring Insulation
Ceiling Tiles, Glue Daubs and Lay-in Panels	Chalkboards
Spray-Applied Insulation	Roofing Shingles
Blown-in Insulation	Roofing Felt
Fireproofing Materials	Base Flashing and Tar
Taping Compounds (Thermal)	Vermiculite
Packing Materials (for Wall/Floor Penetrations)	Fire Doors
High Temperature Gaskets	Caulking/Putties (Windows, Doors, and Expansion Joints)
Laboratory Hoods/Table Tops	Adhesives (Mastic)
Laboratory Gloves	Wallboard (Sheet Rock)
Fire Blankets	Joint and Spackling Compounds
Fire Curtains	Vinyl Wall Coverings
Elevator Equipment Panels	Sink Insulation



NESHAP FACILITIES
Applicability
 All facilities except for residential buildings with four or fewer units are subject to the NESHAP regulations. A facility is defined as "any institutional, commercial, public, industrial, or residential structure, installation, or building including buildings containing condominiums or individual dwelling units operated as a cooperative."
Inspections
 Prior to renovation or demolition, a facility must be thoroughly inspected for the presence of asbestos-containing materials (ACM). All suspect ACM must be sampled and laboratory analyzed or must be assumed to contain asbestos and must be handled as such. Suspected ACM's include but are not limited to: floor tile, linoleum, pipe and boiler insulation, heat duct wrap and joint tape, cementitious siding and roofing, asphalt-based roofing, ceiling tiles, joint compound, sprayed-on-texturing, mastics and glues etc.

This photograph, shows the potential for at least four different types or locations of SACM, all in just one small area...

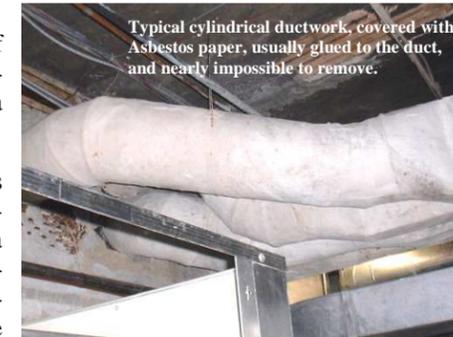
Pipe covering, the insulation around the water tank, insulation under the sheet metal housing of the boiler, and asbestos cement sealing the smoke pipe into the chimney and sealing the burner head to the fire box.

In addition, the sections (ribs) of the boiler may be insulated with asbestos cement as well.



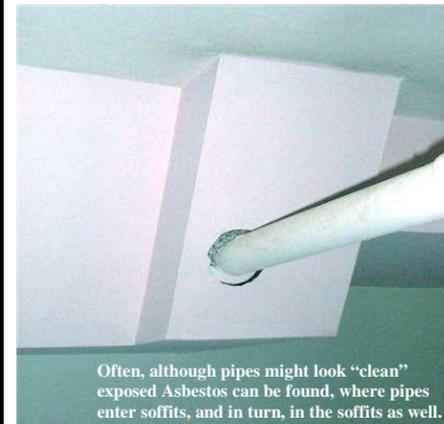
TESTING AND IDENTIFICATION OF ASBESTOS CONTAINING MATERIALS

Contrary to popular belief, the use of Asbestos is not prohibited, nor is the removal of Asbestos required at the time a property is sold.



Regulations address only what process must be followed in the event of an activity such as a boiler repair or replacement, a renovation, floor tile removal and replacement, or just the simple desire by a property owner to have some Asbestos pipe covering or other Asbestos containing material removed or encapsulated.

All ASBESTOS must be removed prior to a structure being demolished.



Additionally, regulations are very specific about who can and can not take samples to be tested for Asbestos.

The State of Connecticut restricts the sampling of "Suspect" Material to those individuals who are CT DPH certified Asbestos Inspectors.

Material which, upon laboratory analysis contain greater than 1% asbestos, is considered Asbestos, and with certain exceptions, (usually exterior Asbestos containing materials), is regulated by the CT DPH.

The Asbestos regulations, which are applicable to all buildings, whether resi-

dential, commercial, or industrial, are Connecticut General Statutes Section 19a-332a-1 to Section 19a-332a-16, additionally Federal NESHAPS, (see page 2) and OSHA Regulations may apply.

Specific regulatory questions can be answered by the DPH personnel in Hartford, at 1-860-509-7367.

Demolition of the walls in this living room revealed Asbestos covered duct, running behind the old wall from the basement up to the second floor.



ASBESTOS INSPECTION, TESTING AND ASSESSMENT CONSULTANTS



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