ASBESTOS OVERVIEW

Asbestos Compliance Program
West Virginia Department of Health and Human Resources
Bureau for Public Health
Office of Environmental Health Services
Radiation, Toxics and Indoor Air Division
Asbestos Compliance Program

Herb Hilleary, Environmental Inspector Supervisor
What Is Asbestos
## Asbestos: Types

<table>
<thead>
<tr>
<th>Serpentine</th>
<th>Amphibole</th>
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<tbody>
<tr>
<td>(93% of commercial use)</td>
<td>(7% of commercial use)</td>
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<tr>
<td>Chrysotile</td>
<td>Actinolite, Amosite, Anthophyllite, Crocidolite, Richterite, Tremolite</td>
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Health Affects

- **Mesothelioma** - A rare cancer of the covering of the lung or lining of the chest.
- **Asbestosis** - A chronic thickening of the lungs.
- **Lung Cancer** - A tumor found in one of the lungs.

Asbestos exposures peaked in the United States in 1940-1980, but continue to occur today.
Where Can Asbestos Be Found

Thermal System Insulation (TSI)
Surfacing Material
Miscellaneous
Thermal System Insulation (TSI)
Surfacing Material
Miscellaneous
List of Suspect Asbestos - Containing Materials

Cement Pipes
Cement Wallboard
Cement Siding
Asphalt Floor Tile
Vinyl Floor Tile
Vinyl Sheet Flooring
Flooring Backing
Construction Mastics (floor tile, carpet, ceiling tile, etc.)
Acoustical Plaster
Decorative Plaster
Textured Paints/Coatings
Ceiling Tiles and Lay-in Panels
Spray-Applied Insulation
Blown-in Insulation
Fireproofing Materials
Taping Compounds (thermal)
Packing Materials (for wall/floor penetrations)
High Temperature Gaskets
Laboratory Hoods/Table Tops
Laboratory Gloves
Fire Blankets
Fire Curtains
Boiler Insulation
Breaching Insulation
Elevator Equipment Panels
Elevator Brake Shoes
HVAC Duct Insulation
Ductwork Flexible Fabric Connections
Cooling Towers
Pipe Insulation (corrugated air-cell, block, etc.)
Heating and Electrical Ducts
Electrical Panel Partitions
Electrical Cloth
Electric Wiring Insulation
Chalkboards
Roofing Shingles
Roofing Felt
Base Flashing
Thermal Paper Products
Fire Doors
Caulking/Putties
Adhesives
Wallboard
Joint Compounds
Vinyl Wall Coverings
Spackling Compounds
Amosite Bundles
Asbestos Abatement
Containment Area
Glove Bagging
Regulations

AHERA  40 CFR 763 SUBPART E
STATE RULE & LAW
OSHA  29 CFR 1926.1101
NESHAP  40 CFR 61 SUBPART M
Contact

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www.wvdhhr.org/rtia/

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