Asbestos Regulations in Florida

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What’s asbestos anyway?

- Mineral Fiber
- Tiny
- Stays in the air a long time
- Can be breathed into lungs

- Can stay there, causing scarring and cancer
  asbestosis, mesothelioma, lung cancer, pleural disease
What’s asbestos anyway?

- Great thermal and sound deadening properties
- One of the first hazardous air pollutants regulated
- Used in construction industry for many years
- THERE’S NO BAN in UNITED STATES!
I thought there was a ban?

- There was in 1989, but it was challenged in court
- In Oct 1991 the ban was upheld ONLY for...
  - Flooring felt and ‘new uses’ after Aug 1990
  - Commercial paper, corrugated paper, rollboard, specialty paper after Aug 1996
  - Certain Spray applied decorative uses
  - Nothing else is banned...
Where can I find asbestos?

- Corrugated asbestos roofing
- Electrical meter board
- Wet areas (bathroom, toilet and laundry) including wall and ceiling lining and under floor tiles
- Lining above windows and doors
- Eaves
- Wood heater (rope in door and sheeting under the brick hearth base)
- Sub floor packers
- Hotwater piping "chased into walls"
- Sheetling under floor tiles
- Insulation in heaters and stoves
- Backyard sheds, out buildings and dog kennels
<table>
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<th>Where can I find it?</th>
<th>In an estimated 3600 materials</th>
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<td>Mastics (floor tile,</td>
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<td>Pipe Insulation</td>
<td>[corrugated carpet,</td>
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<td>ceiling tile, etc.] air</td>
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<td>cell, block, etc.)</td>
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<td>Electrical Cloth</td>
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<td>Fireproofing</td>
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Can you tell just by looking?

- NO!!!
- The only way you can tell for sure if a material contains asbestos is by collection of samples and microscopic inspection
- It’s called a ‘thorough inspection’
Rules

• 40 CFR61 Subpart M
  • EPA
  • The asbestos NESHAP - The National Emission Standard for Hazardous Air Pollutants for asbestos

• 62-204.800 Florida Admin Code (FAC)
  • adopts the NESHAP in whole

• 62-257 FAC
  • establishes fees

• 396.60 Florida Statutes (FS)
  • authority for the rule

• 469 FS
  • Department of Business and Professional Regulation
40 CFR 61 requires...

- Thorough inspection first!
- Summary of suspect material and sample analysis
- Notification to DEP for
  - Renovations with regulated material greater than the threshold
  - All demolitions, regardless of the presence of ACM
- Appropriate handling during removal
- Proper disposal
- Waste shipment records
62-257 FAC requires

- Payment of a fee based on amount of material
  - Fee is in the rule
- Filling out a standard notification form
  - 62-257.900
- Form can be found at http://www.dep.state.fl.us/Air/emission/asbestos.htm
NOTICE OF DEMOLITION OR ASBESTOS RENOVATION

I. Facility Name
Address
City State Zip

II. Consultant Inspecting Site

III. Prior Use
☐ School/College/University
☐ Residence
☐ Small Business
☐ Other

IV. Present Use
☐ School/College/University
☐ Residence
☐ Small Business
☐ Other

V. Facility Owner
Address
City State Zip

VI. Contractor’s Name
Address
City State Zip

VII. Building Size
☐ Square Feet
☐ # of Floors
☐ Building Age in Years

VIII. Is it an Emergency Renovation Operation?
☐ Yes ☐ No

IX. Is it a Planned Renovation Operation?
☐ Yes ☐ No

X. Asbestos Removal:
Start ___________ Finish ___________

XI. Procedure to be Used (Check All That Apply):
☐ Strip and Removal
☐ Ovate Bag
☐ Bulldozer
☐ Wrecking Ball
☐ Wet Method
☐ Hydrolance
☐ Erodal
☐ Burn Down

XII. Procedures for Unexpected RACM

XIII. RACM or ACM Procedure, including analytical methods, employed to detect the presence of RACM and Category I and II nonfriable ACM.

Amount of RACM or ACM
☐ square feet surfacing material
☐ linear feet pipe
☐ cubic feet of RACM or facility components
☐ square feet cementitious material
☐ square feet resilient flooring
☐ square feet asphalt roofing

XIV. Fee Invoice Will Be Sent to Address in Block Below. (Print or Type)

XV. I certify that the above information is correct and that an individual trained in the provisions of this regulation (40 CFR Part 61, Subpart M) will be on-site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours.

(Print Name of Owner/Operator) ___________________________
(City) ___________________________
(Date) ___________________________

(Signature of Owner/Operator) ___________________________
(City) ___________________________
(Date) ___________________________

DEP USE ONLY
Postmark/Date Received
IDF
Chapter 469 F.S. Requires...

- Licensure of consultants performing asbestos surveys, management plans, abatement designs, etc.
- Licensure of contractors performing abatement work
  - Can’t use inmates to do the work
- Certification of training providers
So what do we need to do?

- Plan renovation or demolition
- Get a thorough inspection, or if you’ve got one already, *use it!*
- File notification at least 10 working days ahead of the start of the project
- Submit inspection report w/notification wherever possible
- Submit to correct office

http://www.dep.state.fl.us/air/emission/asbestos/asbestososmap.pdf
FLORIDA Asbestos NESHAPS Contacts
Revised September 2, 2009

DEP NORTHEAST DISTRICT
160 Governmental Center
Pensacola, FL 32502-5794
850/595-8364 ext 1228 FAX 850/595-8096
Asbestos Contact: Carol Melton
carol.melton@dep.state.fl.us
Escambia, Holmes, Okaloosa, Santa Rosa, Washington, & Walton Counties

Northwest District Branch Office
2353 Jenks Avenue
Panama City, FL 32405
850/872-4375 FAX 850/872-7790
Asbestos Contact: Jerry Sheehan
gerald.sheehan@dep.state.fl.us
Bay, Calhoun, Gulf, & Jackson Counties

Northwest District Branch Office
6303 Capital Circle NE
Tallahassee, FL 32301
850/488-3704 FAX 850/922-3620
Asbestos Contacts: Tracey A. White
tracey.a.white@dep.state.fl.us
Franklin, Gadsden, Jefferson, Wakulla, Liberty & Leon Counties

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Department of Environmental Management
300 South Garden Avenue
Clearwater FL 33756
727/464-4422 FAX 727/464-3548
Asbestos Contacts: Mickey Crane
mccrane@pinellascounty.org
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Hillsborough County
Environmental Protection Commission
3629 Queen Palm Drive
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813/627-2600 FAX 813/627-2660
Asbestos contact: Robert Delgado ext1260
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1301 Cattlemen Rd, Bldg A
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dtelemecco@scgov.net

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407 North Laura Street, 3rd Floor
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Temple Terrace, FL 33637-0926
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West Palm Beach FL 33401-0029
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Mallika Muthia
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Jorge Frases
tracj@miamidade.gov

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Julie Foster
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Matt McCann
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raymond.barata@dep.state.fl.us

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kathy@coj.net

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1310 Magnolia Boulevard, Suite 222
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michael.young@dep.state.fl.us
wanda.parker@dep.state.fl.us
Brevard, Indian River, Lake, Marion, Osceola, Seminole & Volusia Counties

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Asbestos Contact: Mike Girton
james.girton@ocfl.net

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Charlotte, Collier, Glades, Hendry, Highlands & Lee Counties

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Asbestos Contacts: Mallika Muthia
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tracj@miamidade.gov
Any Questions?

As we know, there are known knowns. There are things we know we know. We also know there are known unknowns. That is to say we know there are some things we do not know. But there are also unknown unknowns, the ones we don't know we don't know.

- Donald Rumsfeld

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