

# ASBESTOS

## *Building Demolition and Building Renovations*

Pinellas County  
Air Quality Division

<http://www.pinellascounty.org/environment/airquality/default.htm>



# \*\*\***ATTENTION**\*\*\*

## **DEMOLITION AND RENOVATION CONTRACTORS**

**PROJECT NOTIFICATION REQUIRED** - *The National Emission Standard for Hazardous Air Pollutants (NESHAP) for Asbestos, and Pinellas County Code Chapter 58, Article IV, Division 4, requires all contractors and owners of buildings to have a written asbestos survey for all renovation and demolition projects. The written survey report must be on all renovation job sites and available for review. A copy of the written survey report must be mailed or delivered to the **Pinellas** County Air Quality Division with demolition notifications.*

- < **Demolition** is defined as the wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations or the intentional burning of any facility.
- < **Renovation** is defined as altering a facility, or one or more facility components in any way, including the stripping or removal of **Regulated Asbestos Containing Materials (RACM)** from a facility component.
- < A written asbestos survey is required for all *\*non-exempt* structures that are being renovated or demolished. This survey MUST be at the job site during all phases of renovation projects even if no asbestos removal is involved. Demolition surveys will be sent to the department along with the required demolition notification.
- < A written notification is required prior to building owners and/or their contractors engaging in the demolition of buildings. The asbestos survey must be included with the demolition notification, along with the applicable fee. ( see fee schedule).
- < A written notification is required for renovations if there is asbestos containing materials being removed that are greater than or equal to 160 square feet and/or greater than or equal to 260 linear feet on pipes. The notification must be accompanied with the applicable fee (see fee schedule).
- < The required notification must be postmarked or hand delivered **ten (10) working days** prior to the start of any regulated project, **even if there is No Asbestos**. Be advised that your local demolition permit **does not** replace these notification requirements. All required notification must be submitted to Pinellas County Air Quality Division.

Failure to have a written asbestos survey and/or provide the written notification could result in both criminal and civil penalties of up to \$10,000 per day per violation depending upon the circumstances. A required notification must be postmarked or hand delivered **ten (10) working days** prior to the start of any regulated project, even if there is No Asbestos. Be advised that your local demolition permit **does not** replace these notification requirements.

Forms and information available at the Pinellas County web site.

<http://www.pinellascounty.org/environment/airquality/rules.htm>

\* Single family homes under control of a single family home owner, and an apartment building with four or fewer units and not part of a facility or installation and not part of a larger project consisting of demolition and or renovation , are exempt from the NESHAP rule only, not from occupational (OSHA), and licensing (DBPR) regulations.

For more information contact:  
**Pinellas County Air Quality Division**  
**509 East Avenue South**  
**Clearwater, Florida 33756**  
**Phone: (727) 464-4422 Fax (727) 453-3548**

## **ASBESTOS NOTIFICATION REQUIREMENTS**

1. ***Who is responsible?*** The owner of the building and the contractor performing the demolition, or renovation are responsible to notify.
2. ***What projects are exempt?*** Only a (one) single family residential structure, or an apartment building with four (4) dwellings or less, are exempt from notification. The structure **can not** part of a larger project, part of an installation or facility or part of a larger project under a single funding source. All other structures and buildings are regulated.
3. ***Who should I mail the notifications to?*** Mail the notifications to the addresses listed below and keep a copy for your own records. (All appropriate fees must be attached to the original notification)
4. ***What are the notification requirements?*** The rules require that the written notification be mailed or hand delivered: Pinellas County Notifications must be on Pinellas County Notification Forms.
  - a. Ten (10) working days prior to a **demolition**. **This includes buildings where no asbestos is present.**
  - \*b. Ten (10) working days prior to a **renovation** operation, if the amount of asbestos material stripped or removed is greater than 160 square feet on facility components or 260 linear feet on pipes, 35 cubic feet. Applicable State fees will be invoiced based on notified quantities of regulated asbestos containing material.
  - c. One (1) day prior to **demolition**, if the building has been declared **structurally unsound AND in danger of imminent collapse** by a State or local governmental agency (a building official must make this determination). A copy of the order must be attached to the notification form.
5. ***How do I know if I have asbestos in my building?*** An asbestos survey **is** required before any renovation or demolition activity begins. A copy of the survey report **must** be kept on-site during renovations, and a copy **must** be attached to the written notification for demolitions. Asbestos surveys **must** be performed by a State Licensed asbestos consultant or an accredited asbestos building surveyor (inspector) under the direction of a State Licensed asbestos consultant.
6. ***Who can remove asbestos-containing material?*** All removal, handling, or other related activities associated with asbestos-containing materials must be done by a Florida Licensed Asbestos Contractor. Licensure as an asbestos contractor is not required, if certain criteria are met, for the moving, removal, or disposal of asbestos-containing roofing materials, resilient flooring materials (that will not become regulated during their removal, and exterior conduit or piping. Supervisors and/or workers **must be trained** in accordance with Florida Department of Business and Professional Regulation (DBPR) requirements. All employers of workers who require employees to handle asbestos must comply with the U.S. Department of Labor - OSHA regulations.
7. ***If I have a survey done and do not disturb any asbestos, do I have to notify you or anyone else?*** If you have a thorough inspection of ALL affected areas and do not intend on disturbing any asbestos you still **must** maintain this survey report **on the job site** during all renovation activities. No formal notification is necessary if you **do not** intend to disturb any asbestos containing materials. The survey must state it is for the purpose of NESHAP compliance as required under Pinellas County Code. Transactional Sale of Property Audits also known as Environmental Phase I and Phase II Audits are not performed for renovation or demolition purposes unless specifically stated it was performed for the specific activity and should be reviewed to insure the inspection is compliant with the Pinellas County Code. Notification is necessary to the DBPR for the removal of asbestos containing resilient flooring three days prior to removal.

### **Mail Notifications To the Following:**

**Pinellas County – PCR - Air Quality Division**

**509 East Avenue South**

**Clearwater, Florida 33756**

**Attn: Asbestos Section**

**Tel: 727 464 4422**

**Fax (727) 453-3548**

# **IMPORTANT ASBESTOS PHONE NUMBERS**

## **LICENSING**

Florida Department of Business and Professional Regulation ( DBPR )

Florida DBPR **Web site address:** <https://www.myfloridalicense.com/Default.asp>

Florida DBPR; Region VI, Tampa (Unlicensed Activities/Complaints) (813) 544-2229

Florida DBPR; (Consumer Services/Complaints) Tallahassee, Florida (850) 488-6602

Florida Construction Industry Licensing Board, Jacksonville, Florida (904) 727-6530

Pinellas County Construction Licensing Board, Largo, Florida (727) 536-4720

## **NESHAP REGULATIONS**

**Pinellas County Parks,& Conservation Resources - Air Quality Division, Clearwater, Fl.**  
**phone 727-464-4422      Fax 727 453-3548**

Web Site Address: <http://www.pinellascounty.org/environment/airquality/rules.htm>

Florida Department of Environmental Protection (FDEP), Asbestos Coordinator, (850) 921-9521  
<http://www.dep.state.fl.us/air/rules/forms/asbestos.htm>

Florida Department of Environmental Protection Southwest District (FDEP), Tampa,  
Air Resource Management, Tampa, (813) 632-7600

U.S. Environmental Protection Agency (EPA), Region IV, Atlanta, Georgia,  
Asbestos NESHAP Contact (404) 562-9197

Web Site Address: [www.epa.gov/region4/air/asbestos/asbestos.htm](http://www.epa.gov/region4/air/asbestos/asbestos.htm)

## **WORKER PROTECTION**

U.S. Department of Labor, Occupational Safety and Health Administration (OSHA), Tampa,  
(813) 626-1177

Web Site Address: [www.osha-slc.gov/OshStd\\_data/1910\\_1001.html](http://www.osha-slc.gov/OshStd_data/1910_1001.html)

## **TECHNICAL INFORMATION**

U.S. E.P.A. (technical documents), Washington, D. C., (202) 554-1404 or  
Public Information Line (202) 260-2080 NESHAP Information 1-800-638-5888

Web: [www.epa.gov/region4/air/asbestos/asbestos.htm](http://www.epa.gov/region4/air/asbestos/asbestos.htm)

Resilient Floor Covering Institute (work practice guideline brochure) (301) 340-8580

Web: [www.asbestos-institute.ca/building/buildings\\_index.html](http://www.asbestos-institute.ca/building/buildings_index.html)

United States Consumer Products Safety Commission (USCPSC), 1-800-638-2772

Web: [www.cpsc.gov/cpscpub/pubs/iaq.html](http://www.cpsc.gov/cpscpub/pubs/iaq.html)

## **TRAINING**

T.R.E.E.O. Center, University of Florida, Gainesville (352) 392-3261

RETRA Services, Inc., Tarpon Springs, Florida (727) 938-5459

University of North Florida, Jacksonville (904) 646-2690

META Training 1-800-444-6382

## **Attention Building Owners, Contractors and Managers**

Because of serious health risks associated with asbestos exposure, the Pinellas County Air Quality Division, the State of Florida Department Environmental Protection, the U.S. E.P.A., ; the U.S. Department of Labor (OSHA), and the Florida Department of Business and Professional Regulation have established regulations which apply to asbestos handling.

There are numerous building activities which involve disturbing asbestos containing materials that could put people at risk, and which could potentially result in liability and/or regulatory enforcement actions. Typical activities which might disturb asbestos are described below:

- \* Renovations, where building materials or components are altered or removed.
- \* Demolition of buildings or structural supports.
- \* Maintenance on boilers, piping, and VAC systems.
- \* Maintenance on equipment in and around ceilings.
- \* Cable installation, replacement or maintenance.
- \* Flooring removal or repair.
- \* Roofing removal or repair.
- \* Ceiling tile maintenance or repair.
- \* Painting, repair or cleaning of spray-applied acoustical coatings or textures.
- \* Restoration Activities, after wind, fire and water damages

These activities can potentially disturb asbestos materials and result in inhalation of microscopic asbestos fibers. Because asbestos **was** used extensively in building materials and **is currently** used in some building materials, any of these activities can cause an asbestos hazard.

Violations of asbestos rules can result in extremely large monetary and/or criminal penalties and can be assessed on both the building owner **and** their contractors. It is to everyone's benefit that the regulations for asbestos are followed.

Additional literature is available, at the Pinellas County - Air Quality Office to assist you in making the proper decisions. If you need assistance, contact the office at **727-464-4422** and every attempt will be made to answer your questions.

## **ASBESTOS MANAGEMENT PROCEDURES**

**The following asbestos management procedures are required to be followed before any activity which might disturb materials containing asbestos:**

1. A written asbestos survey is required before demolition of a building or structural load bearing member. Before building renovations, or before maintenance on insulated equipment or building systems. These materials could either be coated or covered with asbestos containing materials. **Only a licensed asbestos consultant or an accredited asbestos building surveyor (inspector) working under the direction of a licensed asbestos consultant** can perform asbestos surveys. The survey must be signed by a licensed asbestos consultant. The survey must at a minimum conform to the Pinellas County Code requirements.
2. **A licensed asbestos contractor** must be hired to remove asbestos-containing materials before any maintenance, or renovation activities disturb it, and to remove **Regulated Asbestos-Containing Materials (RACM)** from buildings prior to demolition activities. Licensure as an asbestos contractor is not required, if certain criteria are met, for the removal and disposal of asbestos-containing roofing materials (in good condition), asbestos-containing resilient flooring materials, and asbestos-containing exterior conduit or piping. Note: a survey is still required as noted in Pinellas County Code for the specific area and materials to be disturbed, and to be kept on site during all activities. **Written Notification for floor removal** is required to be received by the Department of Business and Professional Regulation (DBPR) three days prior to the removal, if the removal is **not performed** by a **LICENSED** asbestos contractor and only if a method of removal is followed which does not render the friable during removal.
3. **Written notification is required** to be hand delivered or postmarked at least **ten (10) working days** prior to any demolition (even if the amount of asbestos is zero), and **ten (10) working days** prior to removal of any **Regulated Asbestos-Containing Material (RACM)**. Notifications are required to be submitted to the Air Quality Division of the Pinellas County Department of Parks & Conservation Resources.
4. All records of asbestos related activities including asbestos survey reports, asbestos removal specifications, contractual agreements, asbestos regulations, and disposal manifests should be maintained on file indefinitely.
5. A written asbestos survey report must be available on-site during any renovation activity. Pinellas County Code requires a copy of the survey report to accompany the written notification for all demolition operations.
6. All employees who potentially come in contact with asbestos containing materials must be given instructions on the hazards, regulations, and the associated products that contain asbestos. Under no circumstances should untrained, uncertified, or non-licensed individuals handle asbestos containing materials.
7. No person shall cannibalize any equipment or building components prior to having a complete written asbestos survey, and a determination that an asbestos hazard is not present on the equipment or building component(s) that will be affected, and a copy of the asbestos survey **must** be maintained **on site** during these operations.
8. All **Regulated Asbestos-Containing Material (RACM)** must be removed prior to the demolition of a building or structure, or any activity that may breakup or disturb the RACM.

# OVERVIEW OF ASBESTOS REGULATIONS

- There are numerous regulations which address asbestos activities. The following are brief descriptions of **some** of these rules:
  - A. The National Emissions for Hazardous Air Pollutants (**NESHAP**) 40 CFR, Part 61, Sub-part M. **Promulgated by the U.S. EPA - Enforced by the State of Florida Department of Environmental Protection and by the Pinellas County - Air Quality Division.**
    1. This requires a thorough written asbestos inspection, written notification, proper removal practices, and proper disposal of regulated asbestos containing materials (RACM) prior to a demolition or renovation operations.
  - B. Florida Administrative Code (FAC..) **62-257.100, pertinent to Pinellas County, are adopted and incorporated by Pinellas County.**
    1. These rules can be enforced by either the Florida Department of Environmental Protection or the Pinellas County Department of Environmental Management.
  - C. Pinellas County Code **Chapter 58, Article IV, Division 4. Pinellas County Environmental Management enforces the NESHAP Asbestos Standard in Pinellas County.**
    1. Pinellas County Department of Environmental Management, Air Quality Division officials will determine if buildings which are scheduled for demolition, or renovation operations are in compliance with the **NESHAP** Asbestos Standard. Enforcement action will be taken on operations not in compliance.
  - D. The Construction Industry Asbestos Standard, **29 CFR 1926.1101, and the General Industry Asbestos Standard 29 CFR 1910.1001, The U.S. Department of Labor, Occupational Safety and Health Administration (OSHA).**
    1. These rules require employers to provide information about the hazards of working with asbestos, provide proper respiratory protection, personnel monitoring, medical monitoring, engineering controls, proper training and proper record keeping for all employees that handle materials that may contain asbestos.
  - E. **Florida Statute 469.004 and 469.005- Requires licensure of asbestos consultants and contractors by the Department of Business and Professional Regulation (DBPR).**
    1. Licensure as an asbestos contractor requires that only persons who have taken the required courses of instruction in asbestos, can provide the required evidence on at least 10 asbestos removal projects within the last 5 years, provide proof of **financial stability**, pass a DBPR approved examination, and pay the appropriate licensing fee may become licensed asbestos contractors. As of Oct 17, 1995, licensed asbestos contractors & firms were required to be licensed by the State.
    2. Licensure as an asbestos consultant requires persons who are registered architects, professional engineers, professional geologists, diplomats of the American Board of Industrial Hygiene (C.I.H.), or Certified Safety Professionals, who have taken the required courses of instruction in asbestos, 10 (ten) projects in consulting work in the past 5 (Five) years, pass a DBPR approved examination, and pay the appropriate licensing fee may become licensed asbestos consultants. As of October 17, 1995, licensed asbestos consultants and consulting firms will also be required to be licensed by the State of Florida.
    3. Only persons who have passed the required course of instruction, for the job which they have been hired, may perform duties in an asbestos related field. Consultant related activities must be under the direction of the licensed asbestos consultant, and any contractor related activities must be performed by properly certified employees of the licensed asbestos contractor.

## OVERVIEW OF ASBESTOS REGULATIONS (continued)

4. Licensure as an asbestos contractor or asbestos consultant is not required for the moving, removal, or disposal of asbestos containing resilient floor covering, or the associated adhesive; provided:
  - a. **The** resilient floor covering is a Category I non-friable material as defined by NESHAP, and remains in that condition during removal activity.
  - b. **All** such activities are performed in accordance with all applicable asbestos standards of The United States Occupational Safety and Health Administration (OSHA) under 29 CFR, part 1926.
  - c. **All** persons removing the resilient floor covering or its adhesive have received 8 hours of training in the use of such recommended work practices and asbestos awareness.
  - d. **Written** notice of the time, place, and company performing such removal is provided to DBPR at least three (3) days prior to such removal. The contractor removing such flooring is responsible for maintaining proof that all these required conditions are met.
5. Licensure as an asbestos contractor is not required for the moving, removal, or disposal of asbestos-containing roofing material by a roofing contractor certified or registered pursuant to part I of Chapter 489, provided all such activities are performed under the direction of a trained on-site roofing supervisor as provided in Section 469.012, F.S.
6. Licensure as an asbestos contractor is not required for the repair, removal, or disposal of asbestos containing pipe or conduit if:
  - a. **The** pipe/conduit is used for electrical, electronic, communications, sewer, or water service;
  - b. **The** pipe or conduit is not located in a building;
  - c. **The** pipe or conduit is made of Category I or Category II non-friable material as defined by NESHAP; and
  - d. **All** such activities are performed in accordance with all applicable regulations including the above mentioned OSHA standards.

**F. Florida Statute 553.79, - requires that the Department of Environmental Protection be notified in writing before a local building permit is granted for any building demolition or renovation which would disturb asbestos material. This regulation is administered by the Department of Community Affairs.**

1. Building Departments shall require each building permit for the renovation or demolition of an existing structure to contain an asbestos notification statement which indicates the owner's or operator's responsibility to comply with the provisions of Section, 469.003, F.S and to notify the Department of Environmental Protection of their intentions to remove asbestos, when applicable, in accordance with State and Federal law.

**Example Statement:**

The National Emissions for Hazardous Air Pollutants (NESHAP) 40 CFR 61, Sub-part M, requires written notification ten (10) working days prior to a demolition, and ten (10) working days prior to any removal of regulated asbestos containing materials (RACM). This rule also Requires that an asbestos survey be completed prior to any renovation, or demolition to determine if asbestos containing materials are present.

I, (print name) \_\_\_\_\_ have read and understand the requirements stated above, and I have completed these requirements prior to acceptance of this building permit. I further understand that there may be additional asbestos rules which apply to me, and that violations of these requirements can result in monetary penalties, license forfeiture, or suspension and criminal prosecution.

Signature \_\_\_\_\_

Date \_\_\_\_\_

## **SUSPECT ASBESTOS-CONTAINING MATERIAL**

<i>Acoustical plaster</i>	<i>High temperature gaskets</i>
<i>Adhesives</i>	<i>HVAC duct insulation</i>
<i>Vinyl floor tile</i>	<i>Joint compounds</i>
<i>Base flashing</i>	<i>Mastic (floor, tile, carpet, cove base, mirror)</i>
<i>Blown-in-insulation</i>	<i>Packing materials</i>
<i>Boiler insulation</i>	<i>Pipe insulation</i>
<i>Caulking/putties</i>	<i>Roofing felt shingles</i>
<i>Ceiling tiles</i>	<i>"Popcorn" ceiling treatment</i>
<i>Lay-in panels</i>	<i>Textured ceiling treatment</i>
<i>Cement pipes</i>	<i>Spackle and joint compounds</i>
<i>Cement siding</i>	<i>Spray- applied insulation</i>
<i>Cement wallboard</i>	<i>Taping compounds</i>
<i>Cooling towers</i>	<i>Textured paints/coatings</i>
<i>Decorative plaster</i>	<i>Asphalt floor tile</i>
<i>Duct work connections</i>	<i>Vinyl sheet flooring/ rolled vinyl floors</i>
<i>Electrical cloth</i>	<i>Vinyl wall coverings</i>
<i>Electrical partitions</i>	<i>Wallboard</i>
<i>Fire doors</i>	<i>Wiring insulation</i>
<i>Fire proofing material</i>	<i>Laboratory hoods/table tops</i>
<i>Exterior building coatings</i>	<i>Vibration dampeners (gaskets)</i>
<i>Exterior building panels</i>	

Due to the extensive materials in which asbestos is utilized, the federal **requirement** for a thorough inspection enables a building owner to plan demolition or renovation activities that will insure proper handling and help prevent fiber releases. This written **report** of inspection **must** be maintained on **all** renovation sites and available for review for owners, contractors, sub-contractors, workers and inspectors during the project. In the event a material is revealed during renovation activities that was not recognized within the original inspection, the material should be tested and analyzed for asbestos content. If this situation occurs, work activities that could disturb this material should be stopped, until the material has been verified for asbestos content or tested negative in each layer.

## **DIVISION 4. Asbestos Removal.**

### **Sec. 58-146. Purpose.**

*All provisions contained in Section 62-257.100, FAC.., pertinent to Pinellas County, are adopted and hereby incorporated by reference, except for Sections 62-257.100(1) and (3), FAC..*

### **Sec. 58-147. Definitions.**

*All definitions contained in Section 62-257.200, FAC. are adopted and hereby incorporated by reference, except as may be modified herein.*

- (a) **"Demolition activities"** shall begin upon official receipt of the required written demolition notification.
- (b) **"Owner, or operator"**, as defined in Subpart 62-257.200(12), FAC.., shall include, but is not limited to, consultants, contractors, and subcontractors. Consultants are included, when performing asbestos surveys, supervising renovation or demolition operations, or providing written notification.

### **Sec. 58-148. Applicability.**

*All provisions contained in Section 62-272.300, FAC.. pertinent to Pinellas County, are adopted and hereby incorporated by reference.*

### **Sec. 58-149. National Emission Standard for Asbestos:**

- (a) All provisions contained in Section 62-257.350, FAC. are adopted and hereby incorporated by reference, except as may be modified herein.
- (b) Water from a decontamination chamber unit or waste load out shall be filtered through a five (5) micron or less filter, and bagging of shower water is prohibited.
- (c) All **RACM** shall be removed from non-exempt structures prior to any demolition activity.
- (d) Prior to the commencement of any renovation or demolition operation, facility owners or operators must have a written asbestos survey report. The report shall conform to the following standards
  - (1) all affected areas of the facility shall be inspected for asbestos containing material, **and**;
  - (2) for demolition operations, this report will be included with any written notifications, **and** for renovation operations, this report will be maintained **on-site** at all times during renovation operations, **and**;
  - (3) the selection of samples, the number of samples, **and** the accuracy of the report for the asbestos survey, shall be the responsibility of the individual issuing the report, **and**;
  - (4) the report shall specify the specific location where the suspect asbestos containing material was found, **and**;

## Pinellas County Code (continued) (page 2 of 2)

- (5) the report shall specify the quantity of asbestos containing material found **on** pipes (linear feet), **and** on other facility components (square feet), **and**;
- (6) the report shall describe the component that is coated, or covered with asbestos containing material, **and**;
- (7) the report shall show the percent, by area, asbestos content of any asbestos containing material which are analyzed, **and** for samples, consisting of two or more distinct layers or materials, each layer should be treated separately **and** the results reported by layers, **and**;
- (8) the report shall describe the method used to determine the presence of all asbestos containing material. If suspect asbestos containing material is not collected or analyzed, the report must state that the material is presumed to be asbestos containing; **and**;
- (9) the report shall state the type of operation (renovation, or demolition) the inspection is for, **and**;
- (10) the report shall clearly describe the affected areas of the facility the inspection covers, **and**;
- (11) the report shall contain the signature of the individual issuing the report, name of the individual performing the inspection, **and** the date of the inspection. For licensed asbestos consultants, the report will also include the legal seal and signature, **and** license number, **and**;
- (12) the report shall classify any asbestos containing, **and** any suspect asbestos containing material as either friable, Category I or Category II non-friable asbestos containing material, **and**;
- (13) for demolition operations, the report shall clearly describe any areas of the affected facility not inspected, **and** state specific reason(s) for not inspecting the area(s), **and** further state that the facility cannot be demolished until inspected for asbestos, **and**;
- (14) The survey shall clearly denote the source of the sampling protocol employed (AHERA, State of Florida, OSHA 29 CFR 1926.1101\*) **and/or** any limitations incorporated in the survey, **and** whether the intent of the survey was for NESHAP compliance. \*Original printing of code is a misprint, this is the correct CFR reference.

(e) All workers and supervisors performing asbestos removal must have proof of his/her asbestos training, a copy of the license under which they are performing asbestos removal, and a photo identification of themselves. The employer is responsible for insuring these documents are available, and on-site during all regulated asbestos renovations or demolitions.

(f) For renovation and demolition operations, including the collection, processing, packing, or transporting of any regulated asbestos containing material (RACM):

- (1) any RACM must be adequately wet.
- (2) there shall be no visible emissions to the outside air of any RACM.

(g) For the manufacturing, fabrication, and spraying operations, no visible emissions shall be discharged to the outside air during the collection, processing, packing, or transporting of any asbestos containing material (ACM) generated by the source.

(h) The requirements of paragraphs 6 and 7 of this section do not apply if an alternative emission control and waste treatment method has received prior written approval by the Director.

## ASBESTOS CONSULTING FIRMS (Surveys)

### Asbestos Consultant Business

<u>Air Quest Environmental, Inc.</u>
<u>AMEC Foster Wheeler</u>
<u>APEX Companies, LLC</u>
<u>ACM Environmental, Inc.</u>
<u>Air Quality Consulting, Inc. ENV5 Inc.</u>
<u>Air Quality Environmental, Inc.</u>
<u>Anders Environmental Group, Inc.</u>
<u>Apollo Environmental Inc.</u>
<u>Ardaman &amp; Associates.Inc.</u>
<u>ATC Group Services LLC</u>
<u>Avanco Environmental Inc.</u>
<u>Chastain Skillman</u>
<u>DMC, Inc.(Diversified Mngmt Corp.)</u>
<u>ECS (Environmental Compliance Service)</u>
<u>ECT (Environmental Consulting &amp; Tech)</u>
<u>Environmental Assessment &amp; Consulting (EAC)</u>
<u>Environmental Safety Consultant, Inc.</u>
<u>ES&amp;T (Enviro Science &amp; Technology)</u>
<u>Evans Environmental &amp; GeoSciences (EE &amp; G)</u>
<u>GLE Associates, Inc.</u>
<u>Greenfield Environmental, Inc.</u>
<u>GHD (formerly Conestoga Rovers)</u>
<u>M &amp; A Technologies, Inc.</u>
<u>Occupational Health Conservation</u>
<u>Professional Air Monitoring</u>
<u>Professional Services Industries, Inc (PSI)</u>
<u>Purity Environmental Services, Inc</u>
<u>R L Reed &amp; Associates Inc.</u>
<u>Terracon Consultants, Inc.</u>
<u>Wolf Consulting, Inc.</u>
<u>Universal Engineering Sciences</u>

Contact	Phone	City
Traci-Anne Boyle	954-792-4549	Fort Lauderdale
Ron Trapane	407-253-5442	Orlando
Dianne Anderson	813-248-8558	Thonotosassa
Patrick G. Griffin	813-282-1232	Tampa
Steve Lipson	813-571-9788	Brandon
Steve Lipson	727-327-7477	Seminole
Michael Lawn	954-761-8001	Ft. Lauderdale
Robert Mitchell	813-671-3999	Ft. Meade
Roxanne Gause	813-620-3389	Tampa
Kurt M. Juntunen	813-889-8960	Tampa
Gary Lunsford	352-591-8595	Micanopy
Paul Osley	813-621-9229	Tampa
Michael Bradshaw	813-265-0181	Seffner
Scott Crandall	813-681-4067	Tampa
Michael Duvall	813-289-9338	Tampa
Charles Otero	941-378-8844	St. Petersburg
Scott Russell	941-795-2399	Bradenton
Douglas Browning	727-844-5399	New Port Richey
Kirk Smith	813-287-1005	Tampa
Robert Greene	813-241-8350	Tampa
Michael Rothenburg	727-896-1266	St. Petersburg
John G Barkey	813-971-3882	Tampa
Michael Lawn	727-525-8910	St. Petersburg
James Rizk	813-626-8156	Tampa
Edward Nunez	407-492-8436	Goldenrod
Timothy Caughey	813-886-1075	Pensacola
Dennis Horner	813-789-4447	Brandon
Edward Nunez	321-303-9033	Orlando
Michael Schrum	813-221-0050	Tampa
David J. Silver	813-854-5474	Oldsmar
Lindsey N. Weaver	888-824-7424	Orlando

The companies listed above are **neither endorsed or favored**, by the Pinellas County Air Quality Division. The names are merely provided for reference as a service to citizens. You may want to check with [The State of Florida Department of Business and Profession Regulation](#) to see if a current ASBESTOS CONSULTANT license is in place and an ASBESTOS BUSINESS license. The consultant license is in the name of an individual and the Business license is in the name of the company. The firms you may deal with should be able to give you this information (name & number) and you can verify their licensure by logging onto their website:

<https://www.myfloridalicense.com/Default.asp>

# ASBESTOS REMOVAL CONTRACTORS

Asbestos Abatement Contractor	City	Telephone
<i>The Air Quality Division neither endorses nor favors companies listed below. Please contact the Department of Business and Professional Regulation (850.487.1395) to determine if a license is current.</i>		
Biosphere International, Inc	Tampa	813-854-4950
Blue Sky Multi Services, Inc	Tampa	813-323-6907
Cooper and Associates, Inc	St. Petersburg	727-327-3822
Cross Construction Services, Inc.	Lutz	813-907-1013
Cross Environmental Services, Inc	Crystal Springs	813-783-1688
EE & G	Tampa	813-287-1005
Environmental Construction, Inc	Tampa	813-621-5400
EnviroRem, Inc	Tampa	813-935-3008
GSR Environmental, Inc	Hudson	727-505-8543
JES Abatement	Plant City	813-752-7097
Kimmin's Abatement Corporation	Tampa	813-248-3878
Krane Development dba ADS Services Inc	Tampa	813-875-4600
Lang Environmental, Inc	Tampa	813-622-8311
Simpson Environmental Inc.	Trilby	352-583-2509
Southeast Abatement Services, Inc.	Largo	727-530-3038
		Revised 12/2016

The companies listed above are **neither, endorsed or favored**, by the Pinellas County Air Quality Division. The names are merely provided for reference as a service to citizens. You may want to check with The State of Florida Department of Business and Profession Regulation to see if a current ASBESTOS CONTRACTOR (removal) license is in place and an ASBESTOS BUSINESS license. The contractor license is in the name of an individual and the Business license is in the name of the company. The firms you may deal with should be able to give you this information (name & number) and you can verify their licensure by logging on to their website <https://www.myfloridalicense.com/Default.asp> and if they are currently licensed with Pinellas County Construction Licensing Board (PCCLB. Enter chose contractor search) 727-536-4720 to perform business within Pinellas County.

## DEMOLITION CONTRACTORS

COMPANY NAME	PHONE NUMBER	FAX
DHC CONSTRUCTION	727-688-6664	727-738-9227
CROSS CONSTRUCTION SERIVCES	813-907-1013	813-907-0297
CROSS ENVIRONMENTAL SERVICES	813-783-1688	813-788-9114
FLORIDA WRECKING	813-741-0405	813-741-0415
H & H FERGUSONS	727-546-1450	727-545-3107
HOWARD JIMMIES DEMOLITION	727-443-1448	813-461-4756
JOHNSON EXCAVATING SERVICES INC	813-752-7097	813-719-9052
JVS CONTRACTING	813-514-8229	813-514-9514
KIMMINS CONTRACTING CORP.	813-248-3878	813-247-0180
MAGNUM DEMOLITION	813-938-1818	813-260-3725
PAW MATERIALS	727-862-5956	727-869-2825
SONNY GLASBRENNER, INC.	727-536-6607	727-539-7318
STANDARD DEMOLITION	813-626-6552	813-626-0840

The companies listed above are neither, endorsed or favored by the Pinellas County Air Quality Division. The names are merely provided for reference as a service to citizens. Contractors licensure or specialty license (Demolition) can be verified through **Pinellas County Construction Licensing Board (PCCLB)** 727-536-4720. Note sub-contractors who perform demolition under a licensed general contractor must be licensed as a to perform demolition if the sub-contractor is not a licensed general contractor or licensed builder they must possess a "Specialty Contractor" license specifically for demolition. **If a contractor is an excavator or utilities contractor they must still possess a "Specialty Demolition Contractors" license specifically for demolition.** We urge you to contact PCCLB to insure the proper license is maintained. A general contractor must hire an appropriately licensed sub-contractor.