



Air Quality in Pinellas County

Pinellas County Air Quality Division

Pinellas County, Florida

- Most densely populated county in Florida
 - 3,339 people per square mile
- 924,413 residents - 6th most populous in the state.
- Home to two of top ten beaches in the United States
- Average of 361 days of sunshine
- 4,242 acres of the county's most beautiful examples of pristine Florida landscapes
- 15,525 acres of preserves

Pinellas County, Florida

- Key business sectors are health services, tourism services, manufacturing and financial services
- Over 40,000 businesses call Pinellas County home
- Over 467,000 people are currently employed in our county

Who Maintains Our Delicate Balance of Resources?

- Citizens
- Businesses
- Local Government

Strong community partnerships maintain the Tampa Bay Area as a highly desirable location to live, work and recreate.

Air Quality 101

- United States Environmental Protection Agency (USEPA) “the Federal Government”
 - Promulgate the Rules
 - Clean Air Act, Title V, National Ambient Air Quality Standards

Air Quality 101

- Florida Department of Environmental Protection (FDEP) “the State”
 - Permitting Authority
 - Compliance and Pollution Prevention assistance

Air Quality 101

- Pinellas County Air Quality Division (PCAQD)
“the Local Government”
 - performs a co-review of all permit applications and draft permits, and provides comments to DEP
 - Compliance and Enforcement
 - Compliance and Pollution Prevention assistance
 - Asbestos Rules and Regulations
 - Air Toxics
 - Response to outdoor air quality complaints

Does Your Business Need an Air Permit?

Basic Legal Facts

- It is your business' obligation to determine if an air permit is needed.
- It is your business' obligation to apply for, obtain and comply with your permit.
- A permit is required before installing and beginning operation.

Basic Legal Facts

- Air permits are for specific equipment at specific facility locations. A company may need more than one air permit for their facility.
- A New permit is needed if equipment is moved to a new address. Moving it within the building is generally OK.
- Permits can be transferred to a new owner.

What May Need An Air Permit?

Four Rules of Thumb...

#1. Something with a stack, vent or dust collector.



What May Need An Air Permit?

Four Rules of Thumb...

#2. Something that uses solvent, paints, inks or adhesives.



What May Need An Air Permit?

Four Rules of Thumb...

#3. Something that burns fuel.



What May Need An Air Permit?

Four Rules of Thumb...

#4. Something that causes smoke, dust or odors.



Is an Air Permit Required for Everything?

No – three options for exemption:

Florida Administrative Code (F.A.C.)

- 62-210.300(3)(a) - Categorical and Conditional Exemptions;
- 62-210.300(3)(b) - Generic and Temporary Exemptions; and
- 62-4.040 – Exemptions

Is an Air Permit Required for Everything?

Exemptions are based on the amount and type of emissions and any applicable emissions standards.

Is an Air Permit Required for Everything?

Generic and Temporary Exemptions

- Generic Emissions Unit or Activity Exemption
- Generic Facility Exemption
- Temporary Exemption for Emissions Units at Certain Title V Sources
- Temporary Phosphogypsum Exemption

To determine if you need an air permit, follow these steps:

1. First assume equipment needs permit
2. Check permanent exemption list
3. Evaluate emissions
4. If no exemption available, complete permit application.

You may also contact Steven G. Morgan, Air and Solid Waste Permitting Manager with the Florida Department of Environmental Protection, at 813-470-5700 ext. 45754, for permit-related assistance.

Types of Air Permits

1. General Permits
2. Construction Permits
3. Operating Permits
4. Title V Permits

Types of Air Permits

General Permits

- Permit by Rule
- Actual hard copy permit not issued to facility, but contained in the state rules
- Addresses particular operations defined by rules
- Permits are not transferrable

Types of Air Permits

Pollutant Source Descriptions:

Examples of General Permit Types

For area sources of air pollution, such as perchloroethylene dry cleaners, chromium electroplating and anodizing facilities, halogenated solvent degreasers, ethylene oxide sterilizers, and secondary aluminum sweat furnaces (not all inclusive)

Types of Air Permits

Pollutant Source Descriptions:

Examples of General Permit Types (Continued):

for minor sources of air pollution, such as Mercury Recovery and Reclamation, Printer Operations, Bulk Gasoline Plants, Heating Units and General Purpose Internal Combustion Engines, Surface Coating Operations, Plastic Products Fabrication, Cast Polymer Operations, Concrete Batching Plants, Human Crematory, Animal Crematory, and Nonmetallic Mineral Processing Plants (not all inclusive)

Types of Air Permits

Construction Permits

Required for any proposed new or modified facility or emissions unit prior to the beginning of construction or modification. Issued for both Title V and non-Title V facilities. Does not apply to general permits.

Consider Asbestos Rules and Regulations before renovation or demolition activities are scheduled to occur in your facility.

An asbestos survey is required before any renovation or demolition activity begins.

A written notification is not required for renovation activities, when no asbestos containing materials are disturbed. All demolitions require notification, even when no asbestos is present.

When in doubt, contact Pinellas County Air Quality Asbestos staff at 727-464-4422.

Types of Air Permits

Operating Permits

Required prior to expiration of an existing operating permit (renewal), or prior to the expiration of a construction or modification permit.

Types of Air Permits

Title V Permit

Facilities that emit more than 100 tons per year (tpy) of an air pollutant, 10 tpy of a hazardous air pollutant and/or 25 tpy of a combination of hazardous air pollutants are considered major sources of air pollutants.

Types of Air Permits

Resources Available for Air Permitting

Steven G. Morgan, Air & Solid Waste Permitting Manager
Florida Department of Environmental Protection

steve.morgan@dep.state.fl.us

(813) 470-5700 ext 45754



Resources Available for Compliance Assistance

Pinellas County Air Quality Division
727-464-4422

Website resources available at:

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