Public Works and Environmental Services Department
Natural Resources Division
115 S. Andrews Ave., Room 329H • Fort Lauderdale, Florida 33301
954-519-1270 •
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Application for Air License to Operate Air Pollution Source

Not to be used for a State of Florida Air Permit Application

Pursuant to Chapter 27 of the Broward County Code of Ordinances, application is hereby made for authority to operate the air pollution source described below:

Owner, Authorized Representative or Applicant Information

Owner/Authorized Representative		Organization/Firm		
Mailing Address		City	State	Zip
Phone	Fax	Email		

Source Information

Facility Operator/Contact		Organization/Firm		
Street Address		City	State	Zip
Phone	Fax	Email		

Owner/Authorized Representative Statement

I am the undersigned owner or authorized representative of_____.

I certify that the statements made herein for a license to construct/operate an air pollution source are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the air pollution source and air pollution control devices in such a manner as to comply with provisions of Broward County Code of Ordinances, Chapter 27, and all rules and regulations or revisions thereof. I also understand that a license, if granted, will be transferable only in accordance with Chapter 27, Section 27.

Name _____ Title _____

Signature _____ Date _____

Purpose of Application

This application is being submitted in order to receive *(check only one)*:

☐ Air license for initial operation of a new facility

☐ Air license for operation of an existing facility

☐ Modification of an existing operational facility ▪ *Current License No.:* _____

Professional Engineer Certification *(registered in Florida)*

Name	5-Digit Florida Registration No.

Organization/Firm

Mailing Address	City	State	Zip

Phone	Fax	Email

Professional Engineer Statement

This is to certify that the engineering features of this project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to control and discharge of air pollutants characterized in the license application. There is reasonable assurance, in my professional judgment, that the air pollution source(s) with appropriate pollution control equipment, when properly maintained and operated, will comply with all applicable regulations of Broward County Code of Ordinances, Chapter 27.

Location is approved by building and zoning of municipality where facility is located.

_____ _____

Name Title

_____ _____

Signature Date

Operation/Modification Information

Please describe the general nature of the business and nature and extent of the project. Please refer to the air pollution control equipment and state whether the project will result in full compliance with application regulations.

Raw Materials and Chemicals Used in the Process

Please complete the following and attach applicable Material Safety Data Sheets.

Product	Contaminant	VOC Content *lbs/gal*	Utilization Rate *gal/day*	VOC Rate *lbs/day*

Other Solvent Use	Liquid or Solid Waste Generated and Disposal Method

FUELS USED

Fuel Type and Specification	Average Consumption*	Max. Consumption	Heat Content#	Max. Heat Input *MMBtu/Hr*

*** Units**:
Natural Gas .....MMcu-ft/hr
Fuel Oil ..... gal/hr
Coal, Wood, Refuse ... lbs/hr

 # Heat Content in:
☐ Btu/cu-ft ☐ Btu/lb
☐ Btu/gal ☐ Other: _____

Exhaust Stack Information

Exhaust Fan Manufacturer		Model No.	
Number of Fans	Horsepower	Volume	ACT Static Pressure in W.G.
Stack Height *(ft.)*	Stack Diameter *(ft.)*	Stack Head Type	Gas/Air Flow Rate *(ACFM)*

Silo Information

Product	Capacity	Usage Rate	Loading Frequency	Air Pollution Control Device

Dust Collector Information

Type	Manufacturer	Model No.
Horsepower	Filtration System Type	No. of Filters/Bags
Filter Area *(ft^2)*	Air Flow *(cfm)*	Collection/Control Efficiency

Contaminant/Product Filtered	Contaminant Discharged to

Oven Information

☐ **Direct Fired** ☐ **Indirect Fired** ☐ **Electric** ☐ **Steam**

Manufacturer	Model No.	Serial No.
Width *(ft.)*	Height *(ft.)*	Depth *(ft.)*
Design Capacity	Standby Fuel ☐ Yes ☐ No	Standby Fuel Type *(if applicable)*
Operating Temperature	Articles Processed	

Scrubber Information

☐ **Packed Tower** ☐ **Flooded Tray** ☐ **Spray Chamber** ☐ **Venturi**

Pollutant to be Scrubbed	Gas Flow Throughput	Design Pressure Drop
Flow of Liquid to Scrubber *(gal/min)*	Amount of Liquid Recycled *(gal/min)*	
Additive to Scrubber Liquid	Concentration of Additive	
Method Used to Maintain Scrubbing Liquid Concentration		
No.	Type	Operating Pressure

Supplemental Information

All supplemental information must be submitted in order for the application to be complete.

1. Provide the facility's potential-to-emit air emissions/contaminants (in lbs/hr & TPY), emission calculations, and describe the method of calculation for all facility air emission points based on facility maximum operating scenario, design capacity of control equipment and worst case emissions scenario from facility operations.

Air Emissions/Contaminants	**Air Emission Point**	**Max. lbs/hr**	**Max hrs/yr**	**TPY** *(@2,000 lbs/ton)*

Describe method of calculation

2. Please attach or upload *(in PDF format)* each the following:

☐ A vicinity map or aerial photograph less than or equal to (1) year old.

☐ One 8½ x11 plot plan showing the location of the emission units, and regulated air pollutant emission exhaust points *(stacks, vents, etc.)*, in relation to the surrounding area, residences and other permanent structures and roadways.

☐ Process flow diagram(s) which identify individual operations and/or processes; indicate raw material, intermediary product, by-product, and finished product flow rates; indicate all waste streams including solid and liquid wastes.

After completing and digitally signing, please upload into the ePermits document uploader. Please submit the application only once to avoid duplication and paying duplicate fees. After submitting, you will have the option to pay by credit card or bank check. If you experience difficulty completing your online payment, you may send a paper check, made payable to Broward County Board of County Commissioners, to the division address on page 1.

Thank you for choosing to do business in Broward County!