



Louisville Metro Air Pollution Control District

Form: AP-1508

Settling Chamber

Mail Application To:
Louisville Metro APCD
850 Barret Avenue
Louisville, KY 40204

Application For Permit To Construct, Reconstruct, Install,
Modify, or Operate Process or Process Equipment

(502) 574-6000
FAX: (502) 574-5137
www.louisvilleky.gov/apcd

Section A: Owner/Operator Information

Business Name of Owner /Operator To Appear On The Permit:

Owner's Business Name (only if different from Business Name of Owner/Operator):

Section B: Equipment Location

Equipment Location Address:

Street Address

City State Zip Code

Responsible Official Name:

Responsible Official Title:

Phone:

Fax:

E-Mail:

Section C: Permit Mailing Address

Permit and Correspondence information:

Check here if same as equipment location address.

Street Address

City State Zip Code

Contact Name:

Contact Title:

Phone:

Fax:

E-Mail:

Section D: Application Type

Reason for Submitting Application (Select all that apply):

- New Construction /Installation
Modification
Reconstruction
Operation
Change of Ownership
Change of Location
Administrative Change

Date of Construction, Modification, Installation or Operation:

(MM/DD/YYYY)

Estimated Start Date:

Actual Start Date:

In accordance with District regulations 2.03, Section 1, you may not construct, install, modify, or operate an affected facility unless a permit has been issued by the District (LMAPCD). Please complete all requested information in this application. Incomplete applications may result in denial of issuing a permit to construct and operate process or process equipment.

Section E: Facility Business Information

What type of business is being conducted at this equipment location?

SIC Code

Section F: Authorization/Signature I hereby certify that all information contained herein and information submitted with this application is true and correct.

Signature of Responsible Official:

Title:

Print Name:

Date:

LMAPCD Use Only

Application Tracking #:

Assigned Engineer:

Permit No(s):

Plant ID #:

NAICS Code:

| <b>Section G: Equipment Information</b>   |  |                                       |                    |
|---|--|---------------------------------------|--------------------|
| Manufacturer:   | Model:   | Serial Number:                        |                    |
| Length of Chamber: <b>feet</b>  | Width of Chamber: <b>feet</b>  | Height of Chamber: <b>feet</b>        |                    |
| Number of Trays in Chamber:   |  |                                       |                    |
| Is Water Injection Used? <input type="checkbox"/> YES <input type="checkbox"/> NO   |  |                                       |                    |
| If YES, water injection rate:   |  | <b>gal/min</b>                        |                    |
| Minimum Collection Efficiency:  |  | <b>%</b>                              |                    |
| Total Particulate Removal Efficiency:   |  | <b>%</b>                              |                    |
| PM <sub>10</sub> Removal Efficiency:  | <b>%</b>   | PM <sub>2.5</sub> Removal Efficiency: | <b>%</b>           |
| Material Collected:   |  |                                       |                    |
| Attach the <b>manufacturer's specification sheet</b> for the settling chamber and the <b>particle size removal efficiency curve</b> and <b>basis of determination</b> .   |  |                                       |                    |
| <b>Section H: Gas Stream Information</b>  |  |                                       |                    |
| Maximum Inlet Volumetric Gas Flow Rate:   | <b>acfm at</b>   | <b>° F</b>                            | <b>% moisture</b>  |
| Maximum Outlet Volumetric Gas Flow Rate:  | <b>acfm at</b>   | <b>° F</b>                            | <b>% moisture</b>  |
| Pressure Drop Across Chamber:   | <b>inches water</b>  |                                       |                    |
| <b>Section I: Contaminant Information</b>   |  |                                       |                    |
| Percent of Each Contaminant in the Waste Gas and Removal Efficiency   |  |                                       |                    |
| <b>If more than five contaminants are present, attach additional copies of this page as needed.</b>   |  |                                       |                    |
| Contaminant   | CAS Number   | Percent of Waste Gas                  | Removal Efficiency |
|   |  | <b>%</b>                              | <b>%</b>           |
|   |  | <b>%</b>                              | <b>%</b>           |
|   |  | <b>%</b>                              | <b>%</b>           |
|   |  | <b>%</b>                              | <b>%</b>           |
|   |  | <b>%</b>                              | <b>%</b>           |
| <b>Section J: Stack Information</b>   |  |                                       |                    |
| Stack Height Above Grade: <b>feet</b>   | Stack Exit Diameter: <b>feet</b><br><i>(Provide stack dimensions if rectangular stack)</i> |                                       |                    |
| Is a <b>stack cap</b> present? <input type="checkbox"/> YES <input type="checkbox"/> NO   |  |                                       |                    |
| Stack Configuration: <input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Downward – Venting<br><i>(Check all that apply)</i> <input type="checkbox"/> Other (Specify): |  |                                       |                    |
| Stack Exit Gas Temperature: <b>° F</b>  | Stack Exit Gas Flow Rate: <b>ACFM</b>  |                                       |                    |
| Distance to Nearest Property Line: <b>feet</b>  | Describe Nearest Obstruction:  |                                       |                    |
| Height of Nearest Obstruction: <b>feet</b>  | Distance to Nearest Obstruction: <b>feet</b>   |                                       |                    |
| Are stack <b>sampling ports</b> provided? <input type="checkbox"/> YES <input type="checkbox"/> NO  |  |                                       |                    |

