



Louisville Metro Air Pollution Control District

Form: AP-2608

Solvent Metal Cleaning

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

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

(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			Section C: Permit Mailing Address		
Equipment Location Address:			Permit and Correspondence information: <input type="checkbox"/> Check here if same as equipment location address.		
Street Address			Street Address		
City _____ State <u> </u> KY _____ Zip Code _____			City _____ State _____ Zip Code _____		
Responsible Official Name: _____			Contact Name: _____		
Responsible Official Title: _____			Contact Title: _____		
Phone: _____			Phone: _____		
Fax: _____			Fax: _____		
E-Mail: _____			E-Mail: _____		
Section D: Application Type					
Reason for Submitting Application (Select all that apply):			Date of Construction, Modification, Installation or Operation: (MM/DD/YYYY)		
<input type="checkbox"/> Operation /Installation			Estimated Start Date: _____		
<input type="checkbox"/> Modification			Actual Start Date: _____		
<input type="checkbox"/> Change of Location			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.		
<input type="checkbox"/> Change of Ownership					
<input type="checkbox"/> Administrative Change					
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:

Form: AP-2608

Page 2 of 3

Section G: Equipment Information

Equipment Manufacturer:

Equipment Model:

Equipment Serial Number:

Tank Type:

- Cold Cleaner (Cleaning agent is below boiling point, even if it is heated)
 Open Top Vapor Degreaser (Cleaning agent is heated to its boiling point)
 Other (Specify):

Is the parts washer conveyerized? (Meaning to be continuously loaded by means of a conveyor.) YES NODoes the parts washer have a lid or a door which is closed during the cleaning process? YES NOTank Diameter (if applicable): **feet** Tank Depth (if applicable): **feet**Tank Height: **feet** Tank Width (if applicable): **feet**Tank Volume: **gallons** Distance from liquid level to lip of tank (if applicable): **inches**Does the washer have a **secondary reservoir** into which the cleaning agents drains, and if yes, specify the diameter of the drain opening from the **primary reservoir** into the secondary reservoir? YES NO **inches**

Name of cleaning agents used in washer:

Attach a Material Safety Data Sheet (MSDS) for each cleaning agent used in the washer.

If the cleaning agent used in the parts washer is an organic solvent then specify the following:

true vapor pressure of cleaning agent in washer at **standard temperature and pressure:** **psi**

If the cleaning agent used in the washer is a low-VOC material (i.e. soap or liquid detergent) specify the following:

Is the cleaning agent used in the washer mixed or diluted with water? YES NOIf yes, specify the quantity of cleaning agent per gallon of water as used in the washer (i.e. **oz/gallon of H₂O**):

Freeboard Height is defined as:

For a cold cleaner, the distance from the liquid solvent level in the degreaser tank to the lip of the tank,

For a vapor degreaser, the distance from the solvent vapor level in the tank to the lip of the tank,

For a vapor conveyerized degreaser, the distance from the vapor level to the bottom of the entrance or opening, whichever is lower, and

For a cold conveyerized degreaser, the distance from the liquid solvent level to the bottom of the entrance or exit opening, whichever is lower.

Freeboard ratio means the freeboard height divided by the width of the degreaser.

If applicable, then please provide the **freeboard ratio**.Does the parts washer have primary freeboard condenser coils? YES NO

If yes, complete Form AP-1008.

Does the parts washer have secondary condenser coils, that create a cold air blanket above the vapor zone, and that are located slightly above the primary coils? YES NO

If yes, complete Form AP-1008.

Is carbon adsorption used? YES NO

If yes, complete Form AP-1108.

Does the parts washer use a water cover, provided that the solvent is insoluble in, and heavier than, water?

 YES NO

If the cleaning solution used in the parts washer is agitated then describe the mechanism of agitation such as use of a pump or vibratory motion. If no agitation is used state a negative declaration.

Is the cleaning solution heated, and if so to what temperature is it typically heated while in use?

 YES it is heated, to a maximum temperature of approximately **° F** NO it is not heated.

Section H: Additional Information

Is there any additional information pertinent to this application? YES NO
If yes, describe below:

Process Flow Diagram

Sketch the **process flow diagram** for the equipment or process being applied for. Include each emission unit and control device (even existing emission units that will not be modified by this application). You may identify each emission unit with a simple shape. Label each emission unit and control device with a unique identifier. Show the relationship between each emission unit and/or control device by drawing arrows between them to indicate the flow of air pollutants. List which application forms are included for each emission unit or control device below the shape representing each emission unit or control device. If you already have a process flow diagram for the equipment or process being applied for, you may attach it to the application instead of using this form.