



Dry Cleaner APEN – Form APCD-228

Air Pollutant Emission Notice (APEN) and Application for Construction Permit

This APEN is to be used for dry cleaning facilities. All sections of this APEN and application must be completed for both new and existing facilities, including APEN updates. An application with missing information may be determined incomplete and may be returned or result in longer application processing times. *You may be charged an additional APEN fee if the APEN is filled out incorrectly or is missing information and requires re-submittal.*

The need for an APEN and/or air permit is based on the amount of air pollution emissions you create. Dry cleaners that use perchloroethylene (perc) should only submit an APEN if they use more than 18 gallons of perc per year. Dry cleaners that use perc alternatives (hydrocarbon or petroleum based) must calculate the amount of VOC emissions to determine the need for an APEN and/or air permit. Please refer to the solvent’s material data sheet for the VOC content of the product.

This emission notice is valid for five (5) years. Submission of a revised APEN is required 30 days prior to expiration of the five-year term, or when a reportable change is made (significant emissions increase, increase production, new equipment, change in fuel type, etc). See Regulation No. 3, Part A, II.C. for revised APEN requirements.

Permit Number: _____ AIRS ID Number: _____ / _____ / _____
[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 1 - Administrative Information

Company Name¹: _____
Site Name: _____
Site Location: _____ Site Location County: _____
Mailing Address: _____ NAICS or SIC Code: _____
(Include Zip Code) _____ Permit Contact: _____
E-Mail Address: _____ Phone Number: _____

Is the dry cleaning facility reported on this APEN located in a building with a residence(s)? Yes No

Is the dry cleaning facility reported on this APEN located in a building with other tenants, leased space, or owner occupants? Yes No

¹Please use the full, legal company name registered with the Colorado Secretary of State. This is the company name that will appear on all documents issued by the APCD. Any changes will require additional paperwork. For transfer of ownership or company name change, you must submit proof of ownership transfer (e.g., Transfer of Ownership Form signed by the previous owner or a copy of a Bill of Sale with this form).

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 2- Requested Action

NEW permit OR newly-reported emission source

- OR -

MODIFICATION to existing permit *(check each box below that applies)*

Change fuel or equipment

Change company name

Add point to existing permit

Change permit limit

Transfer of ownership²

Other *(describe below)*

- OR -

APEN submittal for update only *(Please note blank APENs will not be accepted)*

- ADDITIONAL PERMIT ACTIONS -

APEN submittal for permit exempt/grandfathered source

Additional Info & Notes: _____

² For transfer of ownership, a completed Transfer of Ownership Certification Form (Form APCD-104) must be submitted.

Section 3 - Equipment Information

Dry-to-Dry Units:

List Make, Model, Serial Number, and Date of Installation for ALL Dry-to-Dry machines operating at this location.

	Make	Model	Serial	Date of Installation
Machine #1	_____	_____	_____	_____
Machine #2	_____	_____	_____	_____
Machine #3	_____	_____	_____	_____

Do any of the machines directly vent outside? _____ If so which ones? _____

Transfer Type Washers:

List Make, Model, Serial Number, and Date of Installation for ALL Transfer Type Washers operating at this location.

	Make	Model	Serial	Date of Installation
Machine #1	_____	_____	_____	_____
Machine #2	_____	_____	_____	_____
Machine #3	_____	_____	_____	_____

Do any of the machines directly vent outside? _____ If so which ones? _____

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Dryers (not part of dry-to-dry unit):

List Make, Model, Serial Number, and Date of Installation for ALL petroleum solvent dryers operating at this location.

	Make	Model	Serial No	Date of Installation
Machine #1	_____	_____	_____	_____
Machine #2	_____	_____	_____	_____
Machine #3	_____	_____	_____	_____

Total manufacturer's rated dryer capacity of petroleum solvent dryers: _____ Pounds
(Total manufacturer's rated dryer capacity is the sum of each petroleum solvent dryer's capacity)

Do any of the machines directly vent outside? _____ If so which ones? _____

Section 4 - Solvent Information

Type and Quantity

Check one:

- PERC
- Petroleum
- Fluorocarbon
- Other (explain): _____

Maximum amount of solvent purchased each year? _____ Gallons

From what year is the actual annual amount? _____ Gallons

Requested permit limit for solvent (allow for growth)? _____ Gallons

Solvent Recovery

Check which methods are used:

- Sniffer (Carbon Absorber) Which Machines? _____
Age of Sniffer: _____ Years

Is the entire dryer exhaust vented through the sniffer? _____

- Cartridge Filters
Do you cook / strip the filters? _____
How many filters are disposed of yearly? _____

Refrigeration Recovery Which Machines? _____

Spin Disk Filtration Which Machines? _____

Distillation Which Machines? _____

Carbon Tower Which Machines? _____

Other (Please explain): _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 5 - New Source Performance Standard (NSPS)/ National Emission Standards for Hazardous Air Pollutants (NESHAP) Notification

Check the box below that is applicable to your dry cleaning operation.

For Perc users:

By checking this box, I acknowledge that my dry cleaning machine(s) use perchloroethylene and is therefore subject to NESHAP subpart M of the Clean Air Act. Submission of this APEN fulfills the initial notification requirement of 40 CFR Part 63, Subpart M.

For alternative solvent users:

By checking this box, I acknowledge that my dry cleaning machine(s) using hydrocarbon or other petroleum-derived solvents (e.g., DF-2000, EcoSolv, GenX) have a manufacturer's rated capacity from transfer type machines (separate washing & drying machines) equal to or greater than 84 pounds and is therefore subject to NSPS Subpart JJJ of the Clean Air Act. Submission of this APEN fulfills the initial notification requirement of 40 CFR Part 60, Subpart JJJ.

Even though I use hydrocarbon or other petroleum-derived solvents, I am not subject to 40 CFR Part 60, Subpart JJJ either because I only use dry-to-dry machines or because my manufacturer's rated capacity from all of my transfer type dry cleaning machines combined at the facility is less than 84 pounds.

Section 6 -Emissions Information

For Perc users:

Perchloroethylene (perc) is classified as a non-criteria reportable pollutant (e.g. HAP- hazardous air pollutant) and emissions equal to or greater than 250 lbs/year must be reported on this APEN. Perc has a density of 13.5 lbs/gal. If you use more than 18 gallons of perc per year, it should be reported below. The air division presumes that the perc filters and machine waste captures 10% (control efficiency) of the solvent and the rest is emitted.

To calculate your actual annual HAP emissions in lbs/year, multiply the number of gallons of perc purchased in a year by 13.5 lbs/gal, and then multiply by 0.90 (to account for the 10% waste capture).

To calculate and report perc emissions, complete the formula below:

If you use perc, what are your actual annual HAP emissions?

_____ gallons perc⁶ x 13.5 lbs/gal x 0.90 = _____ (lbs/year)⁵

From what year is the actual annual amount? _____

For alternative solvent users:

Please refer to the solvent's material data sheet for the VOC content of the product. To calculate your actual annual VOC emissions in lbs/year, multiply the pounds of VOC per gallon of product by the total number of gallons of product used in a year. This gives you the total emissions of VOC from that product in a year.

If you use a hydrocarbon/petroleum based solvent, what are your actual annual VOC emissions?

_____ lbs/gal of VOC x _____ gallons used = _____ (lbs/year)⁵

From what year is the actual annual amount? _____

⁵Annual emission fees will be based on actual controlled emissions reported. If source has not yet started operating, leave blank.

⁶The gallons of perc used in this section should be the maximum amount of solvent purchased each year reported in Section 04.

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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Section 7 - Applicant Certification

I hereby certify that all information contained herein and information submitted with this application is complete, true and correct.

Signature of Legally Authorized Person (not a vendor or consultant)

Date

Name (please print)

Title

Check the appropriate box to request a copy of the:

- Engineer's Preliminary Analysis conducted
- Draft permit prior to issuance
- Draft permit prior to public notice

(Checking any of these boxes may result in an increased fee and/or processing time)

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Send this form along with \$152.90 to:
Colorado Department of Public Health and
Environment
Air Pollution Control Division
APCD-SS-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Telephone: (303) 692-3150

For more information or assistance call:

Small Business Assistance Program
(303) 692-3175 or (303) 692-3148

Or visit the APCD website at:

<https://www.colorado.gov/cdphe/apcd>