



Dry Cleaner APEN – Form APCD-228

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

All sections of this APEN and application must be completed for both new and existing facilities, including APEN updates. Incomplete APENs will be rejected and will require re-submittal. *Your APEN will be rejected if it is filled out incorrectly, is missing information, or lacks payment for the filing fee. The re-submittal will require payment for a new filing fee.*

This APEN is to be used for dry cleaning facilities. If your emission unit does not fall into that category, there may be a more specific APEN available for your source (e.g. print shop, surface coating and solvent usage, etc.). In addition, the General APEN (Form APCD-200) is available if the specialty APEN options will not satisfy your reporting needs. A list of all available APEN forms can be found on the Air Pollution Control Division (APCD) website.

An APEN submission and air permit is required based on the amount of emissions you create. Dry cleaners that use perchloroethylene (perc) should 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 or air permit. 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) _____
Contact Person: _____
Phone Number: _____
E-Mail Address²: _____

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

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

¹ 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.

² Permits, exemption letters, and any processing invoices will be issued by the APCD via e-mail to the address provided.

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 equipment

Change company name³

Add point to existing permit

Change permit limit

Transfer of ownership⁴

Other (describe below)

- OR -

APEN submittal for update only (Note blank APENs will not be accepted)

- ADDITIONAL PERMIT ACTIONS -

APEN submittal for permit exempt/grandfathered source

Additional Info & Notes: _____

³ For company name change, a completed Company Name Change Certification Form (Form APCD-106) must be submitted.

⁴ 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 vent directly 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 vent directly outside? _____ If so, which ones? _____

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

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	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 vent directly 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? _____

Requested permit limit for solvent (allow for growth)⁵? _____ gallons

Solvent Recovery

Check which methods are used:

- Sniffer (carbon adsorber) 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 (explain): _____

⁵ Requested values will become permit limitations or will be evaluated for exempt status, as applicable, and should consider future process growth. Requested values are required on all APENs, including APEN updates.

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 use only dry-to-dry machines or because my combined manufacturer's rated capacity from all of my transfer type dry cleaning machines at the facility is less than 84 pounds.

Section 6 - Emissions Information

For perc users:

Perchloroethylene (perc) is classified as a reportable hazardous air pollutant (HAP), 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 must be reported below. The APCD presumes that 10% of the solvent is captured (control efficiency) in the perc filters and machine waste, and the remainder 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% captured as waste).

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)⁷

From what year is the *actual annual amount*? _____

For alternative solvent users:

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)⁷

From what year is the *actual annual amount*? _____

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

⁷ Annual emission fees will be based on actual controlled emissions reported. If source has not yet started operating, provide projected emissions.

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

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 (print)

Title

Check the appropriate box to request a copy of the:

- 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)

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.

Send this form along with \$216.00 to:

Colorado Department of Public Health and Environment
Air Pollution Control Division
APCD-SS-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Make check payable to:

Colorado Department of Public Health and Environment

For more information or assistance call:

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

APCD Main Phone Number
(303) 692-3150