



Surface Coating and Solvent Usage APEN Form APCD-226

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 coating, painting, cleaning solvent, and volatile materials usage operations. If your emission source does not fall into one of these categories, there may be a more specific APEN for your source (e.g. mining operations, boiler, print shop, 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.

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: _____

NAICS or SIC Code: _____

Mailing Address: _____
(Include Zip Code)

Contact Person: _____

Phone Number: _____

Portable Source Home Base: _____ E-Mail Address²: _____

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 *(check one below)*

STATIONARY source PORTABLE source

- OR -

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

Change fuel or 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 -

Limit Hazardous Air Pollutants (HAPs) with a federally-enforceable limit on Potential To Emit (PTE)

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 - General Information

Facility Function: Automobile Coating Metal Parts Coating Plastic Parts Coating

Other *(explain)*: _____

General description of equipment and purpose: _____

For *existing* sources, operation began on: _____

For *new or reconstructed* sources, the projected start-up date is: _____

Check this box if operating hours are 8,760 hours per year; if fewer, fill out the fields below:

Normal Hours of Source Operation: _____ hours/day _____ days/week _____ weeks/year

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 4 - Equipment Information

List the type of equipment located at this facility (e.g. paint booths, dip-tanks, powder coating units, etc.). Attach additional sheets as needed for additional equipment.

Unit No.	Process Equipment Description <i>(Include Make, Model, and Serial No.)</i>	Year of Installation	Control Equipment Present? <i>(Yes or No)</i>
1			
2			
3			
4			
5			

Is any emission control equipment or practice used to reduce emissions? Yes No

If yes, describe the control equipment AND state the collection and control efficiencies:

Pollutant	Emissions Control Equipment Description <i>(Include Make, Model, and Serial No.)</i>	Year of Installation	Collection Efficiency <i>(% of total emissions captured by control equipment)</i>	Control Efficiency <i>(% reduction of captured emissions)</i>
TSP (PM)				
PM ₁₀				
PM _{2.5}				
SO _x				
NO _x				
CO				
VOC				
Other:				

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 5 - Paints, Cleaning Solvents, and Volatile Materials Usage Information

Coating Materials Application Method:

Note: "TE" means "Transfer Efficiency percent (%)." It is used to estimate particulate emissions.

- Dip, Brush, or Roller (DBR): TE = 95%
- High Volume Low Pressure Gun (HVLP): TE = 65%
- Air-Assisted Airless/Airless (AAA/A): TE = 40%
- Others (describe): _____
- Electrostatic, High Voltage (EHV): TE = 90%
- Electrostatic, Low Voltage (ELV): TE = 65%
- Conventional Air Atomizing (CAA): TE = 25%

Actual Average Time Spent for Materials Application: _____ hours/day

Actual hours of materials application will be used in conjunction with actual or requested VOC and HAPs emissions to establish the facility's Potential to Emit (PTE).

Volatile Materials Usage:

List the most commonly used products at your facility below. This includes paint and solvents. You should report any material usage associated with surface preparation and clean-up, in addition to your paint and solvent/thinner use. Attach additional sheets for additional products as needed.

Product No.	Name of Product	Annual Usage (Specify Units)	SDS ID or Name
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 6 - Powder Coatings Usage

Check this box if your process does **NOT** include powder coating and skip to Section 7.

Actual Usage: _____ tons per year Requested Usage⁵: _____ tons per year

Application Method: _____ Transfer Efficiency (TE): _____ %

Control Device: _____ Control Efficiency (CE): _____ %

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.

Section 7 - Geographical/Stack Information

Geographical Coordinates <i>(Latitude/Longitude or UTM)</i>

Check box if the following information is not applicable to the source because emissions will not be emitted from a stack. If this is the case, the rest of this section may remain blank.

Operator Stack ID No.	Discharge Height Above Ground Level <i>(Feet)</i>	Temp. <i>(°F)</i>	Flow Rate <i>(ACFM)</i>	Velocity <i>(ft/sec)</i>

Indicate the direction of the stack outlet: *(check one)*

- Upward Downward Upward with obstructing raincap
 Horizontal Other *(describe)*: _____

Indicate the stack opening and size: *(check one)*

- Circular Interior stack diameter *(inches)*: _____
 Square/rectangle Interior stack width *(inches)*: _____ Interior stack depth *(inches)*: _____
 Other *(describe)*: _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 8 - Criteria Pollutant Emissions Information

Attach all emission calculations and emission factor documentation to this APEN form.

From what year is the following reported *actual annual emissions data*? _____

Use the following table to report the criteria pollutant emissions from source:
(Use the data reported in Sections 3-6 to calculate these emissions.)

Pollutant	Uncontrolled Emission Factor (Specify Units)	Emission Factor Source (AP-42, Mfg., etc.)	Actual Annual Emissions		Requested Annual Permit Emission Limit(s) ⁵	
			Uncontrolled (tons/year)	Controlled ⁶ (tons/year)	Uncontrolled (tons/year)	Controlled (tons/year)
VOC						
TSP (PM)						
PM ₁₀						
PM _{2.5}						
Other:						

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.

⁶ Annual emission fees will be based on actual controlled emissions reported. If source has not yet started operating, provide projected emissions.

Section 9 - Non-Criteria Pollutant Emissions Information

Does the emissions source have any uncontrolled actual emissions of non-criteria pollutants (e.g. HAP - hazardous air pollutant) equal to or greater than 250 lbs/year? Yes No

If yes, use the following table to report the non-criteria pollutant (HAP) emissions from source:
(Use the data reported in Sections 3-6 to calculate these emissions.)

CAS Number	Chemical Name	Overall Control Efficiency	Uncontrolled Actual Emissions (lbs/year)	Controlled Actual Emissions ⁶ (lbs/year)

⁶ 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 10 - 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)

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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**