



Print Shop APEN – Form APCD-227

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. 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.

This APEN is to be used for printing operations. If your emission unit does not fall into one this source category, there may be a more specific APEN for your source (e.g. paint booths, mining operations, engines, 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 at: www.colorado.gov/cdphe/apcd.

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 Name ¹ : | _____ | |
| Site Name: | _____ | |
| Site Location: | Site Location | _____ |
| | County: | _____ |
| | NAICS or SIC Code: | _____ |
| Mailing Address: <i>(Include Zip Code)</i> | Permit Contact: | _____ |
| | Phone Number: | _____ |
| E-Mail Address ² : | | _____ |

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.

² Permits, exemption letters, and any processing invoices will be issued by 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/throughput

Change company name

Add point to existing permit

Change permit limit

Transfer of ownership³

Other *(describe below)*

- OR -

APEN submittal for update only *(Please 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 transfer of ownership, a completed Transfer of Ownership Certification Form (Form APCD-104) must be submitted.

Section 3 - General Information

For *existing* sources, operation began on: _____

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

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

Actual Time Spent Printing⁴: _____ hours/day

⁴ Actual hours of printing will be used in conjunction with actual or requested VOC and HAPs emissions to establish the facility's status (i.e. Potential To Emit).

Section 4- Equipment Information

Type of Printing Processes Located at this Facility:

Lithographic Press: *(check the box below that applies)*

Non-Heatset-sheetfed: No. of Units _____

Non-Heatset-Web: No. of Units _____

Heatset Web offset: No. of Units _____

Rotogravure: No. of Units _____

Flexographic: No. of Units _____

Digital: No. of Units _____

Others (please specify): _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

List of Printing Presses located at the facility:

| Press No. | Make | Model | Serial No. | Year of Installation | Control Device Type |
|-----------|------|-------|------------|----------------------|---------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

Section 5 -Volatile Material Use

Note: Materials usage will not be included in permit conditions. Material usage is required to establish valid basis for the facility's emissions and to make accurate determination of the facility's status. If there are more than ten (10) products, you may attach extra sheets.

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

| Product Name | SDS ID or Name | Actual Annual Amount Used (gallons) | Product used by a Press with emissions control? (Yes or No) |
|--------------|----------------|--|--|
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(attach additional sheets as needed)

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 6 - 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): _____

Section 7 - Criteria Pollutant Emissions Information

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

| Criteria Pollutant Emissions Inventory | | | | |
|--|--|---|--|---|
| Pollutant | Actual Annual Emissions | | Requested Annual Permit Emission Limit | |
| | Uncontrolled Emissions <i>(Tons/year)</i> | Controlled Emissions ⁵ <i>(Tons/year)</i> | Uncontrolled Emissions <i>(Tons/year)</i> | Controlled Emissions ⁶ <i>(Tons/year)</i> |
| VOC | | | | |

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

If yes, please describe the control equipment:

- Thermal oxidizer
 Catalytic converter
 Regeneration with thermal oxidizer
 Other: _____

Make: _____ Model: _____ Serial Number: _____

Overall control efficiency (% reduction): _____

Total Annual Gas Usage: _____ MMscf per year Total Annual Oil Fuel Usage: _____ gallons per year

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

⁶ Requested values will become permit limitations. Requested limit(s) should consider future growth.

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AIRS ID Number: _____ / _____ / _____

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Section 8 - 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:

| CAS Number | Chemical Name | Overall Control Efficiency | Uncontrolled Emission Factor (specify units) | Emission Factor Source (AP-42, Mfg. etc) | Uncontrolled Actual Emissions (lbs/year) | Controlled Actual Emissions ⁷ (lbs/year) |
|------------|---------------|----------------------------|--|--|--|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
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⁷Annual emission fees will be based on actual controlled emissions reported. If source has not yet started operating, leave blank.

Section 9 - 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:

- 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

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>

Make check payable to:
Colorado Department of Public Health and Environment

Telephone: (303) 692-3150