



Fugitive Component Leak Emissions APEN Form APCD-203

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 fugitive component leak emissions only. If your emission source does not fall into this category, there may be a more specific APEN for your source (e.g. amine sweetening unit, hydrocarbon liquid loading, condensate storage tanks, 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: _____

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: _____ / _____ / _____
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Section 2 - Requested Action

- NEW permit OR newly-reported emission source** *(check one below)*
- OR -
- MODIFICATION to existing permit** *(check each box below that applies)*
- Change process 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 -
- APEN submittal for permit exempt/grandfathered source**
- Limit Hazardous Air Pollutants (HAPs) with a federally-enforceable limit on Potential To Emit (PTE)**

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

Company equipment Identification No. (optional): _____

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

Facility Type⁵:

- Well Production Facility
- Natural Gas Compressor Station
- Natural Gas Processing Plant
- Other (describe): _____

⁵ When selecting the facility type, refer to definitions in Colorado Regulation No. 7, Section XVII.

Permit Number: _____

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Section 4 - Regulatory Information

What is the date that the equipment commenced construction?

Will this equipment be operated in any NAAQS nonattainment area? Yes No

Will this equipment be located at a stationary source that is considered a Major Source of Hazardous Air Pollutant (HAP) emissions? Yes No

Are there wet seal centrifugal compressors or reciprocating compressors located at this facility? Yes No

Is this equipment subject to 40 CFR Part 60, Subpart KKK? Yes No

Is this equipment subject to 40 CFR Part 60, Subpart OOOO? Yes No

Is this equipment subject to 40 CFR Part 60, Subpart OOOOa? Yes No

Is this equipment subject to 40 CFR Part 63, Subpart HH? Yes No

Is this equipment subject to Colorado Regulation No. 7, Section XII.G? Yes No

Is this equipment subject to Colorado Regulation No. 7, Section XVII.F? Yes No

Is this equipment subject to Colorado Regulation No. 7, Section XVII.B.3? Yes No

Section 5 - Stream Constituents

The **required** representative gas and liquid extended analysis (including BTEX) to support the data below has been attached to this APEN form.

Use the following table to report the VOC and HAP weight % content of each applicable stream.

Stream	VOC (wt %)	Benzene (wt %)	Toluene (wt %)	Ethylbenzene (wt %)	Xylene (wt %)	n-Hexane (wt %)	2,2,4 Trimethylpentane (wt %)
Gas							
Heavy Oil (or Heavy Liquid)							
Light Oil (or Light Liquid)							
Water/Oil							

Section 6 - Geographical Information

Geographical Coordinates (Latitude/Longitude or UTM)

Attach a topographic site map showing location

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Section 7 - Leak Detection and Repair (LDAR) and Control Information

Check the appropriate boxes to identify the LDAR program conducted at this site:

- LDAR per 40 CFR Part 60, Subpart KKK
 - Monthly Monitoring - Control: 88% gas valve, 76% light liquid valve, 68% light liquid pump
 - Quarterly Monitoring - Control: 70% gas valve, 61% light liquid valve, 45% light liquid pump
- LDAR per 40 CFR Part 60, Subpart OOOO/OOOOa
 - Monthly Monitoring - Control: 96% gas valve, 95% light liquid valve, 88% light liquid pump, 81% connectors
- LDAR per Colorado Regulation No. 7, Section XVII.F
- Other⁶:

- No LDAR Program

⁶ Attach other supplemental plan to APEN form if needed.

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Section 8 - Emission Factor Information

Select which emission factors were used to estimate emissions below. If none apply, use the table below to identify the emission factors used to estimate emissions. Include the units related to the emission factor.

- Table 2-4 was used to estimate emissions⁷.
- Table 2-8 (< 10,000ppmv) was used to estimate emissions⁷.

Use the following table to report the component count used to calculate emissions. The component counts listed in the following table are representative of:

- Estimated Component Count
- Actual Component Count conducted on the following date: _____

Service	Equipment Type					
	Connectors	Flanges	Open-Ended Lines	Pump Seals	Valves	Other ⁹
Gas						
Count ⁸						
Emission Factor						
Units						
Heavy Oil (or Heavy Liquid)						
Count ⁸						
Emission Factor						
Units						
Light Oil (or Light Liquid)						
Count ⁸						
Emission Factor						
Units						
Water/Oil						
Count ⁸						
Emission Factor						
Units						

⁷ Table 2-4 and Table 2-8 are found in U.S. EPA's 1995 Protocol for Equipment Leak Emission Estimates (Document EPA-453/R-95-017).

⁸ The count shall be the actual or estimated number of components in each type of service that is used to calculate the actual calendar year emissions below.

⁹ The "Other" equipment type should be applied for any equipment other than connectors, flanges, open-ended lines, pump seals, or valves.

Section 9 - Criteria Pollutant Emissions Information

Attach all emissions 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:

Pollutant	CAS Number	Actual Annual Emissions		Requested Annual Permit Emission Limit(s) ¹⁰	
		Uncontrolled (tons/year)	Controlled ¹¹ (tons/year)	Uncontrolled (tons/year)	Controlled (tons/year)
VOC					

¹⁰ 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.

¹¹ Annual emission fees will be based on actual controlled emissions reported. If source has not yet started operating, provide projected emissions.

Section 10 - 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:

Chemical Name	CAS Number	Actual Annual Emissions		Requested Annual Permit Emission Limit(s) ¹⁰	
		Uncontrolled (lbs/year)	Controlled ¹¹ (lbs/year)	Uncontrolled (lbs/year)	Controlled (lbs/year)
Benzene	71432				
Toluene	108883				
Ethylbenzene	100414				
Xylene	1330207				
n-Hexane	110543				
2,2,4-Trimethylpentane	540841				
Other:					

¹⁰ 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.

¹¹ Annual emission fees will be based on actual controlled emissions reported. If source has not yet started operating, provide projected emissions.

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Section 11 - 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