



# Hydrocarbon Liquid Loading APEN Form APCD-208

## 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 hydrocarbon liquid loading only. If your emission unit does not fall into this category, there may be a more specific APEN for your source (e.g. amine sweetening unit, glycol dehydration unit, 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 Name <sup>1</sup> :	_____	
Site Name:	_____	
Site Location:	_____	Site Location County: _____
	_____	
	_____	NAICS or SIC Code: _____
Mailing Address: (Include Zip Code)	_____	
	_____	Contact Person: _____
	_____	Phone Number: _____
	_____	E-Mail Address <sup>2</sup> : _____

<sup>1</sup> 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.

<sup>2</sup> 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

Request coverage under construction permit

Request coverage under General Permit GP07

If General Permit coverage is requested, the General Permit registration fee of \$353.13 must be submitted along with the APEN filing fee.

- OR -

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

Change fuel or equipment

Change company name<sup>3</sup>

Change permit limit

Transfer of ownership<sup>4</sup>

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)

Additional Info & Notes: \_\_\_\_\_

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

<sup>4</sup> For transfer of ownership, a completed Transfer of Ownership Certification Form (Form APCD-104) must be submitted.

**Section 3 - General Information**

General description of equipment and purpose: \_\_\_\_\_

Company equipment Identification No. (optional): \_\_\_\_\_

For existing sources, operation began on: \_\_\_\_\_

For new or reconstructed sources, the projected start-up date is: \_\_\_\_\_

Will this equipment be operated in any NAAQS nonattainment area?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Is this equipment located at a stationary source that is considered a Major Source of (HAP) emissions?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Does this source load gasoline into transport vehicles?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Is this source located at an oil and gas exploration and production site?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
If yes:				
Does this source load less than 10,000 gallons of crude oil per day on an annual average?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Does this source splash fill less than 6,750 bbl of condensate per year?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Does this source submerge fill less than 16,308 bbl of condensate per year?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Permit Number: \_\_\_\_\_

AIRS ID Number: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

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

**Section 4 - Process Equipment Information**

Product Loaded:     Condensate     Crude Oil     Other: \_\_\_\_\_

If this APEN is being filed for vapors displaced from cargo carrier, complete the following:

Requested Volume Loaded<sup>5</sup>:  bbl/year      Actual Volume Loaded:  bbl/year

This product is loaded from tanks at this facility into:  
(e.g. "rail tank cars" or "tank trucks") \_\_\_\_\_

If site specific emission factor is used to calculate emissions, complete the following:				
Saturation Factor:	<input type="text"/>	Average temperature of bulk liquid loading:	<input type="text"/>	°F
True Vapor Pressure:	<input type="text"/>	Psia @ 60 °F	Molecular weight of displaced vapors:	<input type="text"/>
				lb/lb-mol

If this APEN is being filed for vapors displaced from pressurized loading lines, complete the following:

Requested Volume Loaded<sup>5</sup>:  bbl/year      Actual Volume Loaded:  bbl/year

Product Density:	<input type="text"/>	lb/ft <sup>3</sup>		
Load Line Volume:	<input type="text"/>	ft <sup>3</sup> /truckload	Vapor Recovery Line Volume:	<input type="text"/>
				ft <sup>3</sup> /truckload

<sup>5</sup> 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 5 - Geographical/Stack Information**

Geographical Coordinates (Latitude/Longitude or UTM)

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 (Feet)	Temp. (°F)	Flow Rate (ACFM)	Velocity (ft/sec)

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 6 - Control Device Information**

Check this box if no emission control equipment or practices are used to reduce emissions, and skip to the next section.

<input type="checkbox"/>	Loading occurs using a vapor balance system:	Requested Control Efficiency: _____ %
<input type="checkbox"/>	Used for control of: _____	
	Rating: _____ MMBtu/hr	
	Type: _____ Make/Model: _____	
	Requested Control Efficiency: _____ %	
	Manufacturer Guaranteed Control Efficiency: _____ %	
	Minimum Temperature: _____ °F Waste Gas Heat Content: _____ Btu/scf	
Constant Pilot Light: <input type="checkbox"/> Yes <input type="checkbox"/> No		Pilot Burner Rating: _____ MMBtu/hr
<input type="checkbox"/>	Pollutants Controlled: _____	
	Description: _____	
	Requested Control Efficiency: _____ %	

**Section 7 - Criteria Pollutant Emissions Information**

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

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

If yes, describe the control equipment AND state the requested control efficiencies (report the overall, or combined, values if multiple emission control methods were identified in Section 6):

Pollutant	Control Equipment Description	Overall Requested Control Efficiency (% reduction in emissions)
PM		
SO <sub>x</sub>		
NO <sub>x</sub>		
CO		
VOC		
HAPs		
Other:		

<input type="checkbox"/>	Using State Emission Factors (Required for GP07)	VOC	Benzene	n-Hexane
<input type="checkbox"/>	Condensate	0.236 Lbs/BBL	0.00041 Lbs/BBL	0.0036 Lbs/BBL
<input type="checkbox"/>	Crude	0.104 Lbs/BBL	0.00018 Lbs/BBL	0.0016 Lbs/BBL

From what year is the following reported actual annual emissions data? \_\_\_\_\_

Use the following table to report the criteria pollutant emissions from source:

Pollutant	Emission Factor			Actual Annual Emissions		Requested Annual Permit Emission Limit(s) <sup>5</sup>	
	Uncontrolled Basis	Units	Source (AP-42, Mfg., etc.)	Uncontrolled Emissions (tons/year)	Controlled Emissions <sup>6</sup> (tons/year)	Uncontrolled Emissions (tons/year)	Controlled Emissions (tons/year)
PM							
SO <sub>x</sub>							
NO <sub>x</sub>							
CO							
VOC							

<sup>5</sup> 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.

<sup>6</sup> 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 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:

Chemical Name	Chemical Abstract Service (CAS) Number	Emission Factor			Actual Annual Emissions	
		Uncontrolled Basis	Units	Source (AP-42, Mfg., etc.)	Uncontrolled Emissions (lbs/year)	Controlled Emissions <sup>6</sup> (lbs/year)
Benzene	71432					
Toluene	108883					
Ethylbenzene	100414					
Xylene	1330207					
n-Hexane	110543					
2,2,4-Trimethylpentane	540841					
Other:						

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

**Section 9 - Applicant Certification**

I hereby certify that all information contained herein and information submitted with this application is complete, true, and correct. If this is a registration for coverage under General Permit GP07, I further certify that this source is and will be operated in full compliance with each condition of General Permit GP07.

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 and the General Permit registration fee of \$353.13, if applicable, 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  
 APCD Main Phone Number  
 (303) 692-3150

Make check payable to:

Colorado Department of Public Health and Environment