



# 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. 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 Hydrocarbon Liquid Loading only. If your emission unit does not fall into this category, there may be a more specific APEN for your source. 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](http://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]

Company equipment Identification: \_\_\_\_\_  
[Provide Facility Equipment ID to identify how this equipment is referenced within your organization]

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## 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)

Permit Contact: \_\_\_\_\_

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 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 \$250 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

Change permit limit

Transfer of ownership<sup>3</sup>

Other *(describe below)*

- OR -

APEN submittal for update only (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 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: \_\_\_\_\_

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?  Yes  No

Is this equipment located at a stationary source that is considered a Major Source of (HAP) emissions?  Yes  No

Does this source load gasoline into transport vehicles?  Yes  No

Is this source located at an oil and gas exploration and production site?  Yes  No

If yes:

Does this source load less than 10,000 gallons of crude oil per day on an annual average?  Yes  No

Does this source splash fill less than 6750 BBL of condensate per year?  Yes  No

Does this source submerge fill less than 16308 BBL of condensate per year?  Yes  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>4</sup> :		Bbl/yr	Actual Volume Loaded:		Bbl/yr
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<sup>4</sup> Requested values will become permit limitations. Requested limit(s) should consider future process growth

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

If site specific emission factor is used to calculate emissions, complete the following:				
Saturation Factor:			Average temperature of bulk liquid loading:	°F
True Vapor Pressure		Psia @ 60 °F	Molecular weight of displaced vapors	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/yr	Actual Volume Loaded:		Bbl/yr
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<sup>4</sup> Requested values will become permit limitations. Requested limit(s) should consider future process growth

Product Density:	Lb/ft <sup>3</sup>		
Load Line Volume:	ft <sup>3</sup> /truckload	Vapor Recovery Line Volume	ft <sup>3</sup> /truckload

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

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

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

### Section 5 - Geographical Information

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

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): \_\_\_\_\_  
 Other (describe): \_\_\_\_\_

### Section 6 - Control Device Information

<input type="checkbox"/> Loading occurs using a vapor balance system:	Requested Control Efficiency _____ %
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<input type="checkbox"/> Combustion Device:	Pollutants Controlled: _____ Rating: _____ MMBtu/hr Type: _____ Make/Model: _____ Requested Control Efficiency: _____ % Manufacturer Guaranteed Control Efficiency _____ % Minimum Temperature: _____ Waste Gas Heat Content _____ Btu/scf Constant Pilot Light: <input type="checkbox"/> Yes <input type="checkbox"/> No    Pilot burner Rating _____ MMBtu/hr
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<input type="checkbox"/> Other:	Pollutants Controlled: _____ Description: _____ Control Efficiency Requested _____ %
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Permit Number: \_\_\_\_\_

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

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

### Section 7 - Criteria Pollutant Emissions Information

Attach all emission 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 overall control efficiency (% reduction):

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:

(Use the data reported in Sections 4 and 6 to calculate these emissions.)

Pollutant	Uncontrolled Emission Factor	Emission Factor Units	Emission Factor Source (AP-42, Mfg. etc)	Actual Annual Emissions		Requested Annual Permit Emission Limit(s) <sup>5</sup>	
				Uncontrolled (Tons/year)	Controlled <sup>5</sup> (Tons/year)	Uncontrolled (Tons/year)	Controlled (Tons/year)
PM							
SO <sub>x</sub>							
NO <sub>x</sub>							
VOC							
CO							
Benzene							
Toluene							
Ethylbenzene							
Xylenes							
n-Hexane							
2,2,4-Trimethylpentane							
Other:							

<sup>4</sup> Requested values will become permit limitations. Requested limit(s) should consider future process growth.

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

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

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

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

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### Section 8 - 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 the applicable General Permit.

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Signature of Legally Authorized Person (not a vendor or consultant) \_\_\_\_\_ Date \_\_\_\_\_

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Name (print) \_\_\_\_\_ Title \_\_\_\_\_

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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 and the General Permit registration fee of \$250 as 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  
Make check payable to:  
Colorado Department of Public Health and Environment  
Telephone: (303) 692-3150

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>