

AIR POLLUTANT EMISSION NOTICE (APEN) & Application for Construction Permit – Natural Gas Venting¹

Permit Number: _____ [Leave blank unless APCD has already assigned a permit # & AIRS ID] **Emission Source AIRS ID:** _____ / _____ / _____
Facility Equipment ID: _____ [Provide Facility Equipment ID to identify how this equipment is referenced within your organization.]

Section 01 – Administrative Information

Company Name: _____ NAICS, or
 Source Name: _____ SIC Code: _____
 Source Location: _____ County: _____
 _____ Elevation: _____ Feet
 Mailing Address: _____
 _____ ZIP Code: _____
 Person To Contact: _____ Phone Number: _____
 E-mail Address: _____ Fax Number: _____

Section 02 – Requested Action (check applicable request boxes)

- Request for NEW permit or newly reported emission source**
 Request MODIFICATION to existing permit (check each box below that applies)
 Change fuel or equipment Change company name
 Change permit limit Transfer of ownership Other
 Request to limit HAPs with a Federally enforceable limit on PTE
 Request APEN update only (check the box below that applies)
 Revision to actual calendar year emissions for emission inventory
 Update 5-Year APEN term without change to permit limits or previously reported emissions

Additional Info. & Notes: _____

Section 03 – General Information

For existing sources, operation began on: _____ / _____ / _____ For new or reconstructed sources, the projected startup date is: _____ / _____ / _____
 Normal Hours of Source Operation: _____ hours/day _____ days/week _____ weeks/year
 General description of equipment and purpose: _____

Will this equipment be operated in any NAAQS nonattainment area? (http://www.colorado.gov/cdphe/attainment) Yes No Don't know

Section 04 – Processing Equipment Information

Description of Source²:

- Well Head Casing
 Gas/liquid Separator
 Pneumatic Pump: Make: _____ Model: _____ Serial #: _____ Capacity: _____ gal./min.
 Compressor Rod Packing Make: _____ Model: _____ # of pistons: _____ Leak rate: _____ Scf/hr/pist.
 Blowdowns: # of events: _____ Volume: _____ MMscf/event

Description: _____

Other: _____

	Maximum Vent Rate (scf/hr)	Actual Volume (MMscf/yr)	Requested Volume ³ (MMscf/yr)	Vent Gas Heating Value (Btu/scf)			
Process Parameters:							
	Molecular Wt.	VOC (mole %)	Benzene (mole %)	Toulene (mole %)	Ethylbenzene (mole %)	Xylene (mole %)	n-Hexane (mole %)
Vented Gas Properties:							

- Submit a representative gas analysis (including BTEX & n-Hexane) to support calculations
¹ You will be charged an additional APEN fee if APEN is filled out incorrectly or missing information and requires re-submittal.
² Only one source type may be reported per APEN.
³ Requested values will become permit limitations. Requested level shall be a "not to exceed value".

Colorado Department of Public Health and Environment Air Pollution Control Division (APCD)

This notice is valid for five (5) years. Submit a revised APEN prior to expiration of five-year term, or when a significant change is made (increase production, new equipment, change in fuel type, etc).

Mail this form along with a check for \$152.90 to:
Colorado Department of Public Health & Environment
APCD-SS-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530

For guidance on how to complete this APEN form:

Air Pollution Control Division: (303) 692-3150
 Small Business Assistance Program (SBAP): (303) 692-3148 or (303) 692-3175

APEN forms: http://www.colorado.gov/cdphe/oilgaspermits

Application status: http://www.colorado.gov/cdphe/permitstatus

- Check box to request copy of draft permit prior to issuance.
 Check box to request copy of draft permit prior to public notice.

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Permit Number: _____

Emission Source AIRS ID: _____ / _____ / _____

Section 05 – Stack Information (Combustion stacks must be listed here)

Section 06 – Stack (Source, if no combustion) Location (Datum & either Lat/Long or UTM)

Operator Stack ID No.	Stack Base Elevation (feet)	Stack Discharge Height Above Ground Level (feet)	Temp. (°F)	Flow Rate (ACFM)	Velocity (ft/sec)	Moisture (%)

Horizontal Datum (NAD27, NAD83, WGS84)	UTM Zone (12 or 13)	UTM Easting or Longitude (meters or degrees)	UTM Northing or Latitude (meters or degrees)	Method of Collection for Location Data (e.g. map, GPS, GoogleEarth)

Direction of stack outlet (**check one**): Vertical Vertical with obstructing raincap Horizontal Down Other (Describe): _____
 Exhaust Opening Shape & Size (**check one**): Circular: Inner Diameter (inches) = _____ Other: Length (inches) = _____ Width (inches) = _____

Section 07 – Control Device Information

<input type="checkbox"/> VRU used for control of: _____ Size: _____ Make/Model: _____ Requested VOC & HAP Control Efficiency: _____ % Annual time that VRU is bypassed (emissions vented): _____ % The VRU recycles venting emissions to: _____	<input type="checkbox"/> Combustion Device used for control of: _____ Rating: _____ MMBtu/hr Type: _____ Make/Model/Serial #: _____ VOC & HAP Control Efficiency: Requested: _____ % Manufacturer Guaranteed: _____ % Minimum temp. to achieve requested control: _____ °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"/> Describe Any Other : _____	

Section 08 – Emissions Inventory Information & Emission Control Information

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

Emission Factor Documentation attached Data year for actual calendar yr. emissions below & throughput above (e.g. 2007): _____

Pollutant	Control Device Description		Overall Collection Efficiency	Control Efficiency (% Reduction)	Emission Factor		Actual Calendar Year Emissions ⁴		Requested Permitted Emissions		Estimation Method or Emission Factor Source
	Primary	Secondary			Uncontrolled Basis	Units	Uncontrolled (Tons/Year)	Controlled (Tons/Year)	Uncontrolled (Tons/Year)	Controlled (Tons/Year)	
VOC											
NO _x											
CO											
SO _x											
Benzene											
Toulene											
Ethylbenzene											
Xylene											
n-Hexane											

Please use the APCD Non-Criteria Reportable Air Pollutant Addendum form to report pollutants not listed above.

¹ You will be charged an additional APEN fee if APEN is filled out incorrectly or missing information and requires re-submittal.

⁴ Annual emission fees will be based on actual emissions reported here.

Section 09 – Applicant Certification - I hereby certify that all information contained herein and information submitted with this application is complete, true and correct.

Signature of Person Legally Authorized to Supply Data

Date

Name of Legally Authorized Person (Please print)

Title