AIR POLLUTANT EMISSION NOTICE (APEN) & Application for Construction Permit – Fugitive Component Leak Emissions[1]

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: _____

Source Name: _____

Source Location: _____

_____

Mailing Address: _____

_____

NAICS, or SIC Code: _____

County: _____

Elevation: _____ Feet

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 process or equipment ☐ Change company name

☐ Change permit limit ☐ Transfer of ownership ☐ Other

☐ **Request to limit HAPs with a Federally enforceable limit on PTE**

☐ **APEN Submittal for update only (Please note blank APENs will not be accepted)**

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

Facility Type: ☐ Well Production Facility ☐ Natural Gas Compressor Station ☐ Natural Gas Processing Plant ☐ Other (Describe): _____

Will this equipment be operated in any NAAQS nonattainment area? (http://www.colorado.gov/cdphe/state-implementation-plans-sips) ☐ Yes ☐ No ☐ Don't know

Section 04 – Regulatory Information

Is this equipment subject to Regulation 7, Section XVII.F? ☐ Yes ☐ No ☐ Don't know

Is this equipment subject to NSPS 40 CFR Part 60, subpart KKK? ☐ Yes ☐ No ☐ Don't know

Is this equipment subject to NSPS 40 CFR Part 60, subpart OOOO? ☐ Yes ☐ No ☐ Don't know

Is this equipment subject to NESHAP 40 CFR Part 63, Subpart HH? ☐ Yes ☐ No ☐ Don't know

Section 05 – Stream Constituents

Identify the VOC & HAP weight % content of each applicable stream.

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

☐ Submit a representative gas and liquid extended analysis (including BTEX) to support data above

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

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/APENforms

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

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Section 06 – Location Information (Provide Datum and **either** Lat/Long **or** UTM)

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)

Section 07 –Leak Detection & Repair (LDAR) & Control Information

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

☐ LDAR per NSPS KKK / OOOO ☐ LDAR Per Reg. 7, Section XVII.F

☐ No LDAR program ☐ Other: _____

If LDAR per NSPS KKK / OOOO:

☐ Monthly monitoring. Control: 88% gas valve, 76% lt. liq. valve, 68% lt. liq. pump

☐ Quarterly monitoring. Control: 70% gas valve, 61% lt. liq. valve, 45% lt. liq. pump

Section 08 – Emission Factor Information

Identify the emission factor used to estimate emissions under "E.F.", along with the units relating to the emission factor (e.g. lb/hr/component).

☐ **Table 2-4* was used to estimate emissions.** ☐ **Table 2-8* (<10,000 ppm) was used to estimate emissions.** ***Tables 2-4 and 2-8 are found in U.S. EPA's *1995 Protocol for Equipment Leak Emission Estimates***

Equipment Type	Service											
	Gas			Heavy Oil (or Heavy Liquid)			Light Oil (or Light Liquid)			Water/Oil		
	Count[2]	E.F.	Units	Count[2]	E.F.	Units	Count[2]	E.F.	Units	Count[2]	E.F.	Units
Connectors												
Flanges												
Open-Ended Lines												
Pump Seals												
Valves												
Other[3]												

[2] Count shall be the actual or estimated number of components in each type of service used to calculate the "Actual Calendar Year Emissions" below. ☐ Estimated Count ☐ Actual Count conducted on the following date: _____

[3] The "Other" equipment type should be applied for any equipment type other than connectors, flanges, open-ended lines, pumps, or valves.

Section 09 – Emissions Inventory Information & Emission Control Information

☐ **Emission Factor Documentation attached** **Data year for actual calendar year emissions below (e.g. 2007):** _____

Pollutant	Control Device Description		Control Efficiency (% Reduction)	Emission Factor		Actual Calendar Year Emissions[4]		Requested Permitted Emissions[5]		Estimation Method or Emission Factor Source
	Primary	Secondary		Uncontrolled Basis	Units	Uncontrolled (Tons/Year)	Controlled (Tons/Year)	Uncontrolled (Tons/Year)	Controlled (Tons/Year)	
VOC	**Identify in Section 07**			**Identify in Section 08**						
Benzene										
Toluene										
Ethylbenzene										
Xylene										
n-Hexane										
Please use the APCD Non-Criteria Reportable Air Pollutant Addendum form to report pollutants not listed above.										

[1] You may 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.

[5] You may request permitted emissions in excess of actual emissions to account for component count and gas composition variability.

Section 10 –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