



Mining Operations APEN – Form APCD-222

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 mining operations (i.e. quarries, pits, or mines). This APEN may also be used to report Haul Road activities at non-mining facilities. Additional APENs may be required for process equipment located in the mine. A specialty APEN may be available for the process equipment (e.g. HMA plants, crushers/screens, concrete batch plants, engines, etc.) If a specialty APEN is not available or does not satisfy your reporting needs, the General APEN (Form APCD-200) is available. A list of all available APEN forms can be found on the Air Pollution Control Division (APCD) website at: 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]

Section 1 - Administrative Information

Company Name ¹ :	_____	
Mine/Pit Name:	_____	
Mine/Pit Location:	_____	Mine/Pit Location
	_____	County: _____

		NAICS or SIC Code: _____
Mailing Address:	_____	
(Include Zip Code)	_____	
		Permit Contact: _____
		Phone Number: _____
		E-Mail Address ² : _____

¹Please 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.

²Permits, exemption letters, and any processing invoices will be issued by 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
- OR -
- MODIFICATION to existing permit *(check each box below that applies)*
- | | | |
|---|---|--|
| <input type="checkbox"/> Change fuel or equipment | <input type="checkbox"/> Change company name | <input type="checkbox"/> Add point to existing permit |
| <input type="checkbox"/> Change permit limit | <input type="checkbox"/> Transfer of ownership ³ | <input type="checkbox"/> Other <i>(describe below)</i> |
- OR -
- APEN submittal for update only (Please note blank APENs will not be accepted)
- ADDITIONAL PERMIT ACTIONS -
- APEN submittal for permit exempt/grandfathered source

Additional Info & Notes: _____

³For transfer of ownership, a completed Transfer of Ownership Certification Form (Form APCD-104) must be submitted.

Section 3 - General Information

General description of the activity: *(additionally, please provide a site map)*

For *existing* sources, operation began on: _____

For *new or reconstructed* sources, the projected start-up date is: _____

Normal Hours of Source Operation: _____ hours/day _____ days/week _____ weeks/year

Seasonal use percentage: Dec-Feb: _____ Mar-May: _____ Jun-Aug: _____ Sep-Nov: _____

Commodity Produced: *(check each box below that applies - as indicated on the applicable Division of Minerals and Geology Permit)*

- Aggregate / Sand and Gravel
- Stone
- Coal
- Minerals or Metals *(type)*
- Other *(please describe)*

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 4 - Processing/Manufacturing Information & Material Use

Check this box if APEN is for Haul Roads only (not located at a mining site) and complete the applicable sections, **Section 4H - Raw Material Transport** and/or **Section 4I - Finished Product Transport** on pages 6 and 7. Otherwise complete all of Section 4.

From what year is the actual annual amount? _____

Actual Annual Production (tons)	_____
Requested Annual Production ⁴ (tons)	_____

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

Section 4A - Topsoil

Removal

Topsoil removed daily (tons) _____

Topsoil removed annual (tons) _____

Proposed controls for topsoil removal

Moist Material

Water Spray

Other (specify) _____

Stockpile(s)

Maximum stored on site (tons) _____

Proposed controls for topsoil stockpile

Watering

Chemical Stabilizer

Compacting of Piles

Enclosures (choose one option from below)

Complete Partial

Revegetation (must occur within one year of site disturbance)

Other (specify) _____

Section 4B - Overburden

Removal

Equipment used for removal _____

Tons removed by dragline (daily) _____

Tons removed by dragline (annual) _____

Dragline drop height (feet) _____

Hours scraper operated (daily) _____

Hours scraper operated (annual) _____

Proposed controls for overburden removal

Moist material

Water Spray

Other (specify) _____

Stockpile(s)

Maximum stored on site (tons) _____

Proposed controls for overburden stockpile

Watering

Chemical stabilizer

Compacting of piles

Enclosures (choose one option from below)

Complete Partial

Revegetation (must occur within one year of site disturbance)

Other (specify) _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 4C - Drilling and Blasting

Drilling

Number of holes drilled *(daily)* _____

Number of holes drilled *(annual)* _____

Proposed controls for drilling

Water injection

Bag collectors

Other *(specify)* _____

Blasting

Blast area *(acres)* _____

Number of blasts *(daily)* _____

Number of blasts *(annual)* _____

Type of blasting material _____

Blasting material used *(daily)* _____

Blasting material used *(annual)* _____

Section 4D - Raw Material

Removal

Material removed daily (tons) _____

Material removed annual (tons) _____

Maximum drop height *(feet)* _____

Specific moisture content (%) _____

Proposed controls for raw material removal

Moist material

Water spray

Other *(specify)* _____

Stockpile(s)

Maximum stored on site (tons) _____

Proposed control for raw material stockpile

Watering

Chemical stabilizer

Compacting of piles

Enclosures *(choose one option from below)*

Complete Partial

Other *(specify)* _____

Section 4E - Conveyors and Transfer Points (not assigned to process equipment)

Include a map detailing the conveyor system layout within the site.

Conveying

Material conveyed daily (tons) _____

Material conveyed annual (tons) _____

Proposed controls for conveyors

Enclosures *(choose one option from below)*

Complete Partial

Other *(specify)* _____

Transfer Points

Number of transfer points _____

Proposed controls for transfer points

Watering

Chemical stabilizer

Enclosures *(choose one option from below)*

Complete Partial

Other *(specify)* _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 4F - Processing Equipment

Will processing (i.e., crushing, screening, etc.) occur on site? (yes/no) _____

If you answered "No" above (i.e. no processing/manufacturing equipment will be located on site) check the box below and skip to page 6, **Section 4G - Finished Product**.

Check this box if no process equipment is located on site.

List any additional emission sources and related controls (e.g. concrete batch plants, crushers/screens, engines, conveyors and transfer points associated with process equipment, HMA plants, etc.) Additional APENs for any such equipment may be required. The following Specialty APENs are available: Form APCD-224 Concrete Batch Plants, Form APCD-221 Crushers and Screens, Form APCD-233 Diesel Engines. If a Specialty APEN is not appropriate for the additional equipment, use Form APCD-200 General APEN.

Additionally, complete the section below regarding crushing and screening performed on site.

Emission Source (or equipment type)	Control Equipment Description	Permit Number (if available)

Primary Crushing

Maximum crushed per year (tons) _____

Design process rate (tons/hour) _____

Duration of daily crushing (hours) _____

Secondary Crushing

Maximum crushed per year (tons) _____

Design process rate (tons/hour) _____

Proposed control for crushing

- Moist material
- Water spray
- Enclosures (choose one option from below)
 - Complete Partial
- Other (specify) _____

Screening/Classifying

Maximum screened per year (tons) _____

Design process rate (tons/hour) _____

Duration of daily screening (hours) _____

Secondary Screening/Classifying

Maximum screened per year (tons) _____

Design process rate (tons/hour) _____

Proposed control for screening

- Moist material
- Water spray
- Enclosures (choose one option from below)
 - Complete Partial
- Other (specify) _____

Note: Completion of this section does not relieve the applicant from the requirement to submit APEN forms for process equipment subject to APEN or permitting requirements.

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 4G - Finished Product

Stockpile(s)

Maximum stored on site (tons) _____

Proposed control for finished product stockpile

- Watering
- Chemical stabilizer
- Compacting of piles
- Enclosures (choose one option from below)
 - Complete Partial
- Revegetation (must occur within one year of site disturbance)
- Other (specify) _____

Section 4H - Raw Material Transport (raw material removal to stockpiles)

Annual on-site transfer (tons) _____

Haul road distance one way (feet) _____

Road surface silt content if known (%) _____

Posted speed limit on haul road (mph) _____

Proposed controls for haul roads

- Watering (choose one option from below)
 - Frequent (2 or more times per day)
 - As Necessary
- Chemical stabilizer
- Graveling
- Other (specify) _____

	<u>Vehicle Type</u>	<u>Capacity (tons)</u>	<u>Empty Weight (tons)</u>	<u>No. Of Trips (daily)</u>
1	18-Wheelers	_____	_____	_____
2	10-Wheelers	_____	_____	_____
3	4-Wheelers	_____	_____	_____
4	_____	_____	_____	_____

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Section 4I - Finished Product Transport

Annual off-site transfer (tons) _____

Haul road distance one way (feet) _____

Road surface silt content if known (%) _____

Posted speed limit on haul road (mph) _____

Proposed controls for haul roads

Watering (*choose one option from below*)

Frequent (2 or more times per day)

As Necessary

Chemical stabilizer

Gravelling

Paving

Other (*specify*) _____

	<u>Vehicle Type</u>	<u>Capacity (tons)</u>	<u>Empty Weight (tons)</u>	<u>No. Of Trips (daily)</u>
1	18-Wheelers	_____	_____	_____
2	10-Wheelers	_____	_____	_____
3	4-Wheelers	_____	_____	_____
4	_____	_____	_____	_____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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Section 5 - Site Information

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

Attach a topographic site map indicating location.

Total site area (acres) _____

Total disturbed site area (acres) _____

Proposed site controls

- Watering *(choose one option from below)*
 - Frequent (2 or more times per day)
 - As needed
- Chemical stabilizer
- Revegetation *(must occur within one year of site disturbance)*
 - Seeding with mulch
 - Seeding without mulch
- Other *(specify)* _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 6 - 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 (please print)

Title

Check the appropriate box to request a copy of the:

- Engineer's Preliminary Analysis conducted
- 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 to:
Colorado Department of Public Health and
Environment
Air Pollution Control Division
APCD-SS-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530

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>