



# Diesel Engine APEN Form APCD-233

## 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 diesel reciprocating internal combustion engines. If your emission unit does not fall into that category, there may be a different specialty APEN available for your operation (e.g. mining operations, asphalt plant, crusher, screen). In addition, the General APEN (Form APCD-200) is available if the specialty APEN options do not meet your reporting needs. A list of specialty APENs is available 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]

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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: _____
Portable Source Home Base:	_____	E-Mail Address <sup>2</sup> : _____
	_____	

<sup>1</sup>Please 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 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]

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## Section 2- Requested Action

**NEW permit OR newly-reported emission source** *(check each box below that applies)*

STATIONARY source                       PORTABLE source

Request coverage under a Construction Permit

Request coverage under General Permit GP06<sup>3</sup>

If General Permit coverage is requested, the General Permit registration fee of \$900.00 must be submitted along with the APEN Filing fee.

- OR -

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

Change permit limit                       Change company name                       Add point to existing permit

Transfer of ownership<sup>4</sup>                       Other *(describe below)*

- OR -

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

- ADDITIONAL PERMIT ACTIONS -

**Notification of Alternative Operating Scenario (AOS) permanent replacement<sup>5</sup>**

**APEN submittal for permit exempt/grandfathered source**

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

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<sup>3</sup> Only one engine may be reported per APEN for GP06 coverage. Coverage under GP06 is voluntary.

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

<sup>5</sup> GP06 fee is not required, but APEN filing fee is required.

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## 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: \_\_\_\_\_

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

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

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

**Section 4 - Engine Information**

Engine Function:  Standard  Peaking Power  Emergency (max. 500 hrs/year)  Fire Water Pump

What is the maximum number of hours this engine will be used for emergency back-up power? \_\_\_\_\_ hours/year

Engine Make \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

What is the maximum designed horsepower rating? \_\_\_\_\_ hp What is the engine displacement? \_\_\_\_\_ l/cyl

What is the site-rated horsepower rating? \_\_\_\_\_ hp

Is this APEN reporting an AOS replacement engine?  Yes  No

If yes, please provide the make, model and serial number of the old engine below:

Engine Make \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Is this engine subject to 40 CFR, Part 60, NSPS Subpart IIII<sup>6</sup>  Yes  No

If yes, please complete the New Source Performance Standards (NSPS) - 40 CFR, Part 60, Subpart IIII Applicability APEN Addendum Form (Form APCD-214) for new and AOS applications. Attach Form APCD-214 to this APEN.

What is the manufactured date of this engine? \_\_\_\_\_

What is the date this engine was first located to Colorado? \_\_\_\_\_

What is the first date of operation for this engine? \_\_\_\_\_

<sup>6</sup> Certification under NSPS IIII is required for General Permit GP06 coverage.

**Section 5 - Engine Stack Information**

<b>Geographical Coordinates</b> <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): \_\_\_\_\_  
 Square/rectangle                      Interior stack width (inches): \_\_\_\_\_ Interior stack depth (inches): \_\_\_\_\_  
 Other (describe): \_\_\_\_\_

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

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

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

**Section 6 - Fuel Data and Throughput Information**

Fuel Use Rate @ 100% Load <i>(Gallons/hour)</i>	Actual Annual Fuel Use <i>(Gallons/year)</i>	Requested Annual Permit Limit <sup>7</sup> <i>(Gallons/year)</i>

- OR -

Engine Use Rate <i>(Hours/year)</i>	Actual Annual Engine Use <i>(Hours/year)</i>	Requested Annual Permit Limit <sup>7</sup> <i>(Hours/year)</i>

From what year is the *actual annual fuel use data*? \_\_\_\_\_

<sup>7</sup> Requested values will become permit limitations. Requested limit(s) should consider future process growth.

**Section 7 - Criteria Pollutant Emissions Information**

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

Pollutant	Emission Factor <i>(lb/hp-hr)</i>	Emission Factor Source <i>(AP-42, Mfg. Permit, etc)</i>	Actual Emission Totals <i>(Tons/year)</i>	Requested Emission Totals <sup>7</sup> <i>(Tons/year)</i>
TSP (PM)				
PM <sub>10</sub>				
PM <sub>2.5</sub>				
SO <sub>x</sub>				
NO <sub>x</sub>				
CO				
VOC				

<sup>7</sup> Requested values will become permit limitations. Requested limit(s) should consider future process growth.

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 GP06, I further certify that this source is and will be operated in full compliance with each condition of general permit GP06.

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

Date

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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 and the General Permit registration fee of \$900, 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

Or visit the APCD website at:

<https://www.colorado.gov/cdphe/apcd>

Make check payable to:

**Colorado Department of Public Health and Environment**  
Telephone: (303) 692-3150