



Air Curtain Destructor APEN Form APCD-232

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. Incomplete APENs will be rejected and will require re-submittal. *Your APEN will be rejected if it is filled out incorrectly, is missing information, or lacks payment for the filing fee. The re-submittal will require payment for a new filing fee.*

This APEN is to be used for air curtain destructors (ACD) only. If your emission unit does not fall into this category, there may be a more specific APEN for your source (e.g. crematory/incinerator, mining operations, boiler, etc.). 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.

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 :	_____	
Site Name:	_____	
Site Location:	_____	Site Location County: _____

		NAICS Code: 562213
Mailing Address: (Include Zip Code)	_____	
	_____	Contact Person: _____
		Phone Number: _____
Portable Source Home Base:	_____	E-Mail Address ² : _____

¹ 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.

² Permits, exemption letters, and any processing invoices will be issued by the 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 (check one below)

STATIONARY source PORTABLE source

- OR -

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

Change fuel or equipment Change company name³ Add point to existing permit

Change process rate limit Transfer of ownership⁴ Other (describe below)

- OR -

APEN submittal for update only (Note blank APENs will not be accepted)

Additional Info & Notes: _____

³ For company name change, a completed Company Name Change Certification Form (Form APCD-106) must be submitted.

⁴ 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: _____

Manufacturer: _____ Model No.: _____ Serial No.: _____

Company equipment Identification No. (optional): _____

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: _____ June-Aug: _____ Sept-Nov: _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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Section 4 - Processing Information & Material Consumption

Materials burned in air curtain destructor (check all that apply):

- Trees
- Slash
- Yard waste
- Other (describe): _____

From what year is the actual annual process rate below? _____

	Description (slash, trees, etc.)	Manufacturer- Design Process Rate (tons/hour)	Actual Annual Process Rate (tons/year)	Requested Annual Permit Limit ⁵ (tons/year)
Material Consumption:				

What is the source of material that is burned (check all that apply)?

- Public Waste Collection
- Commercial Source
- Government Source
- Other (describe): _____

Are disposal fees collected in exchange for materials to be burned? Yes No

⁵ Requested values will become permit limitations or will be evaluated for exempt status, as applicable, and should consider future process growth. Requested values are required on all APENs, including APEN updates.

Section 5 - Air Curtain Destructor Engine

Is the blower for this air curtain destructor powered by a compression ignition engine (e.g. diesel-fired)?

- Yes
- No

If marked "Yes" above, this engine may also be subject to APEN-reporting and permitting requirements. The Compression Ignition Engine APEN (Form APCD-233) may be required in addition to this APEN for the air curtain destructor. APEN guidance and a link to Form APCD-233 are available on the APCD website.

Section 6 - Geographical/Stack Information

Geographical Coordinates (Latitude/Longitude or UTM)

What is the discharge height above ground level for this air curtain destructor? _____ feet

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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

Section 7 - Criteria Pollutant Emissions Information

From what year is the following reported *actual annual emissions* data? _____

Use the following table to report the criteria pollutant emissions from the air curtain destructor:
 (Use the process rate data reported in Section 4 multiplied by the emission factor below to calculate actual emissions.)

Pollutant	Default Emission Factor (lbs/ton of wood burned)	Alternative Site-Specific Emission Factor ⁶ (Specify Units)	Alternative Emission Factor Source ⁶ (AP-42, Mfg., etc.)	Actual Annual Emissions ⁷ (tons/year)	Requested Annual Permit Emission Limit(s) ⁵ (tons/year)
TSP (PM)	1.69				
PM ₁₀	1.10				
PM _{2.5}	1.10				
SO _x	0.10				
NO _x	1.98				
CO	5.40				
VOC	1.10				
Other:					

⁵ Requested values will become permit limitations or will be evaluated for exempt status, as applicable, and should consider future process growth. Requested values are required on all APENs, including APEN updates.

⁶ Use of alternative emission factors is voluntary, but may be requested. Provide supporting documentation if alternative emission factors are listed. If using default emission factors, leave these columns blank.

⁷ Annual emission fees will be based on actual emissions reported. If source has not yet started operating, provide projected emissions.

Section 8 - Non-Criteria Pollutant Emissions Information

Does the emissions source have any uncontrolled actual emissions of non-criteria pollutants (e.g. HAP - hazardous air pollutant) equal to or greater than 250 lbs/year? Yes No

If yes, use the following table to report the non-criteria pollutant (HAP) emissions from the air curtain destructor:
 (Use the process rate data reported in Section 4 multiplied by the emission factor below to calculate actual emissions.)

CAS Number	Chemical Name	Default Emission Factor (lbs/ton of wood burned)	Alternative Site-Specific Emission Factor ⁶ (Specify Units)	Alternative Emission Factor Source ⁶ (AP-42, Mfg., etc.)	Actual Annual Emissions ⁷ (lbs/year)
7647010	HCl	0.171			
50000	Formaldehyde	0.040			
71432	Benzene	0.038			
107028	Acrolein	0.036			
100425	Styrene	0.017			
Other:					

⁶ Use of alternative emission factors is voluntary, but may be requested. Provide supporting documentation if alternative emission factors are listed. If using default emission factors, leave these columns blank.

⁷ Annual emission fees will be based on actual emissions reported. If source has not yet started operating, provide projected emissions.

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

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Section 9 - 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 (print) Title

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 \$216.00 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

For more information or assistance call:

Small Business Assistance Program
(303) 692-3175
OR
(303) 692-3148

APCD Main Phone Number
(303) 692-3150