



## Alternative Approved Instrument Monitoring Method (AIMM) Application Form

rev. October 31, 2019

The Air Pollution Control Division (Division/APCD) developed this Application Form for Division evaluation of a proposed Alternative Approved Instrument Monitoring Method (Alternative AIMM), for use in lieu of, or in combination with an infrared (IR) camera and/or EPA Method 21, for hydrocarbon emission detection as defined in Air Quality Control Commission (AQCC) Regulation No. 7 §XII.L.8.a and §XVII.A.2. Please note that the Division will not consider a proposed Alternative AIMM until it has moved past the development, testing or prototype phase and has repeatedly proven or demonstrated success in hydrocarbon emission detection. Also note that the Division may require a field demonstration of a proposed Alternative AIMM, which should be arranged by the Alternative AIMM applicant.

**Application Date:** \_\_\_\_\_

**Section 1 – Alternative AIMM Manufacturer Information**

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

Person To Contact: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Is the proposed Alternative AIMM commercially available?

YES

NO

Will the proposed Alternative AIMM be offered for sale, rental, or contracted service (please specify all that apply)?

SALE

RENTAL

CONTRACTED SERVICE

Will the proposed Alternative AIMM be used exclusively outside of the Denver Metro-Northern Front Range Ozone Control Area?

YES

NO



**Section 2 – Alternative AIMM Monitoring Information**

Name of Alternative AIMM: \_\_\_\_\_

Alternative AIMM is proposed as:  Quantitative emissions detection method  Qualitative emissions detection Method

For quantitative emissions detection, please describe how emissions are quantified: \_\_\_\_\_

Please specify the Alternative AIMM platform (check all that apply):

Handheld  Mobile  Aerial

Satellite  Stationary

Other: \_\_\_\_\_

Is the Alternative AIMM capable of continuous monitoring?  YES  NO

If “yes” an owner or operator may submit a proposed streamlined inspection, recordkeeping, and reporting program separately or as part of this application, though it is not required (please indicate if provided):

Is the Alternative AIMM approved by another regulatory authority?  YES  NO

If “yes” for what application is the Alternative AIMM approved?

Please describe any limitations that may impact Alternative AIMM performance (for example: distance, topography, wind speed, temperature, precipitation, etc.), as well as any other restrictions on use (please provide supporting data or information):

Please describe the frequency of measurements and data logging capabilities of the proposed Alternative AIMM (attach supporting documentation if necessary):



Please describe the data quality indicators for precision and bias of the proposed Alternative AIMM (attach supporting documentation if necessary):

Please describe the quality control and quality assurance procedures necessary to ensure proper operation of the proposed Alternative AIMM (attach supporting documentation if necessary with the application):

Please describe and provide documentation (e.g., field or test data, modeling) showing how the proposed Alternative AIMM is capable of achieving emissions reductions that are at least as effective as the emission reductions achieved using EPA Method 21 and/or an infrared (optical gas imaging) monitoring instrument (attach supporting documentation):

Please describe the training and/or certification required to operate and understand the proposed Alternative AIMM (attach supporting documentation if necessary):

**Section 3 – Additional Information**

Please include the following with this application and mark or identify appropriately for review purposes. This application may be considered incomplete if the following are not included.

<input type="checkbox"/>	Included	Supplemental information on the proposed Alternative AIMM. This information should be provided in easy to understand terms or language and should cover any of the requests for supporting data/information/documentation identified in Section 2.
<input type="checkbox"/>	Included	An Operation and Maintenance (O&M) Plan for the proposed Alternative AIMM that covers the following: <ul style="list-style-type: none"> <li>● Standard operating procedures</li> <li>● Example recordkeeping format</li> <li>● Calibration and maintenance schedules for the Alternative AIMM</li> </ul>



*APCD Internal Use Only*

Alternative AIMM  
Approved  
Not Approved

Alternative AIMM  
requires Public Notice  
and EPA Approval

Date: \_\_\_\_\_

Notes:

Public Notice & EPA Information

EPA Provided Application  
Date: \_\_\_\_\_

Public Notice Publish Date  
Date: \_\_\_\_\_

Public Notice End Date  
Date: \_\_\_\_\_