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 (Amended May 5, 2023)(Amended May 3, 2024)

**Effective July 1, 2023**

**RULE 304.1 ANALYSES FEES**

Analyses fees for testing pursuant to Rule 304.

(a) Laboratory Analyses Fees\*

Type of Test	Fee
(1) Particle Analysis	
(A) Microscopic Identification	<del>\$165.20</del> <u>\$170.98</u> / hour of analysis
(B) Micro-Fourier Transform Infrared Spectroscopy	<del>\$244.91</del> <u>\$253.48</u> / particle
(C) X-Ray Diffraction	<del>\$244.91</del> <u>\$253.48</u> / sample
(D) Particle Size Determination	
(i) by microscopy	<del>\$165.20</del> <u>\$170.98</u> / hour of analysis
(ii) by sieve	<del>\$165.20</del> <u>\$170.98</u> / sample
(E) Energy Dispersive X-Ray - microprobe	As charged by outside laboratory (charge pass through)
(2) Asbestos (Bulk Samples)	
(A) PLM	<del>\$165.20</del> <u>\$170.98</u> / sub-sample
(B) Point Counting	<del>\$165.20</del> <u>\$170.98</u> / sub-sample
(C) TEM, Quantitative	As charged by outside laboratory (charge pass through)
(D) TEM, Qualitative	As charged by outside laboratory (charge pass through)

\* These fees are for laboratory analyses performed during weekdays only. Labor costs (only when reported as "cost / hour") for laboratory analyses during weekends, Mondays, and holidays are subjected to a 50% surcharge.

	Type of Test	Fee
	(E) X-Ray Diffraction	<del>\$365.05</del> <u>\$377.83</u> / sub-sample and/or layer
(3)	Asbestos (Bulk Samples)	
	(A) TEM - 12-hour turnaround	As charged by outside laboratory (charge pass through)
	(B) TEM - 1-day turnaround	As charged by outside laboratory (charge pass through)
	(C) TEM - 2-day turnaround	As charged by outside laboratory (charge pass through)
(4)	Vapor Pressure Tests	
	(A) Reid Vapor Pressure	<del>\$109.90</del> <u>\$113.75</u> / sample
	(B) Isoteniscope	As charged by outside laboratory (charge pass through)
	<del>(C) Speciation of Components in each sample</del>	<del>\$462.53 for five or fewer compounds in each sample</del> <del>\$54.85 for each additional compound</del>
	<del>(D) Calculation</del>	<del>\$322.72 / sample</del>
(5)	Fuel Analysis	
	(A) Metals (Pb in gasoline)	<del>\$330.38 / sample</del> <u>As charged by outside laboratory (charge pass through)</u> <del>\$45.13 for each additional sample</del>
	(B) Ash	As charged by outside laboratory (charge pass through)
	(C) Water and Sediment	As charged by outside laboratory (charge pass through)
	(D) Density	<del>\$165.20 / sample</del> <u>As charged by outside laboratory (charge pass through)</u>
	(E) Heat Content	As charged by outside laboratory (charge pass through)
	(F) Water	As charged by outside laboratory (charge pass through)
	(G) Bromine Number	As charged by outside laboratory (charge pass through)
	(H) Sulfur	
	(i) In Fuel Gas	<del>\$385.61 / sample</del> <u>As charged by outside laboratory (charge pass through)</u>

	Type of Test	Fee
(ii)	In Fuel Oil (by XRF)	<del>\$131.68</del> / sample <u>As charged by outside laboratory (charge pass through)</u>
(I)	Engler Distillation	As charged by outside laboratory (charge pass through)
(J)	Initial Boiling Point	As charged by outside laboratory (charge pass through)
(6)	VOC (Regulation XI)	
(A)	Gravimetric Test	<del>\$165.20</del> <u>\$170.98</u> / sample
(B)	Density of Coating or Distillate	<del>\$165.20</del> <u>\$170.98</u> / sample
(C)	Gloss Testing	<del>\$165.20</del> <u>\$170.98</u> / sample
(D)	Gas Chromatograph / Mass Spectrometry Analysis	<del>\$462.53</del> <u>\$478.72</u> for five or fewer compounds <del>\$54.85</del> <u>\$56.77</u> for each additional compound
<del>(E)</del>	<del>Photochemical Reactivity</del>	
<del>(i)</del>	<del>Unknown</del>	<del>\$661.20</del> / sample
<del>(ii)</del>	<del>Known</del>	<del>\$462.53</del> / sample
<del>(F)</del>	<del>Distillation -</del>	
<del>(i)</del>	<del>Normal</del>	<del>\$131.69</del> / sample <u>As charged by outside laboratory (charge pass through)</u>
<del>(ii)</del>	<del>Heavy Ink</del>	<del>\$186.95</del> / sample <u>As charged by outside laboratory (charge pass through)</u>
<del>(G)</del>	<del>Water by Karl Fischer Titration</del>	<del>\$220.23</del> <u>\$227.94</u> / sample
<del>(H)</del>	<del>Emission Spectrograph Analysis</del>	<del>\$165.20</del> / sample
<del>(I)</del>	<del>Gas Chromatograph/Mass Spectrometry</del>	<del>\$456.13</del> for five or fewer compounds <del>\$43.55</del> for each additional compound
<del>(J)</del>	<del>VOC in pipe cements</del>	<del>\$1,130.15</del> <u>\$1,169.71</u> / sample
<del>(K)</del>	<del>VOC in adhesives containing cyanoacrylates</del>	<del>\$322.72</del> <u>\$334.02</u> / sample

- (7) For Certification Tests and Analyses not listed above, the fee shall be assessed at a rate of ~~\$165.20~~\$170.98 per person per hour or a prorated portion thereof.
- (8) In addition to the regular analysis fee, all expedite samples which require over-time work by staff shall be charged an additional time and a half fee based on the normal hourly rate of staff performing such work beyond the normal work schedule.
- (9) Time and material fees shall be charged for all samples sent to outside laboratories.

(b) Emissions Testing and Analyses Fees<sup>†</sup>

Type of Test	Fee
(1) Accuracy Confirmation Test of Continuous Emission Monitor	<del>\$1,675.34</del> <u>\$1,733.98</u>
(2) Continuous Gaseous Emission Testing with Mobile Source Testing Vehicle	<del>\$2,182.88</del> <u>\$2,259.28</u> plus <del>\$187.32</del> <u>\$193.88</u> / hour
(3) Non-Continuous Emission Testing	<del>\$2,050.34</del> <u>\$2,122.10</u> plus fee listed below:
	<u>Cost Per Sample</u>
	Specific*                      Surcharge**
(A) Moisture	<del>\$297.29</del> <u>\$307.70</u> <del>\$220.23</del> <u>\$227.94</u>
(B) Particulate Matter	<del>\$1,146.10</del> <u>\$1,186.21</u> <del>\$572.85</del> <u>\$592.90</u>
(C) Sulfur Dioxide	<del>\$1,018.43</del> <u>\$1,054.08</u> <del>\$508.88</del> <u>\$526.69</u>

<sup>†</sup> These fees are for installation and operation of equipment, and laboratory analyses during regular South Coast AQMD operational working hours. Labor costs (only when reported as "cost / hour") for installation and operation of equipment, and laboratory analyses during weekends, Mondays, and holidays are subjected to a 50% surcharge. Mileage fees will be charged on a case-by-case basis using current Internal Revenues Mileage Rates

\* charge for first sample.

\*\* charge for each additional sample, whether at the same or a different sampling location.

Type of Test		Fee	
(D)	Oxides of Nitrogen	<del>\$506.87</del>	<del>\$153.89</del>
		<u>524.61</u>	<u>\$159.28</u>
(E)	Carbon Monoxide	<del>\$423.16</del>	<del>\$211.39</del>
		<u>437.97</u>	<u>\$218.79</u>
(F)	Total Hydrocarbons	<del>\$1,057.96</del>	<del>\$760.26</del>
		<u>\$1,094.99</u>	<u>\$786.87</u>
(i)	Hydrogen Sulfide	<del>\$1,018.43</del> <u>\$1,054.08</u>	<del>\$508.88</del> <u>\$526.69</u>
(ii)	Vinyl Chloride	<del>\$440.71</del> <u>\$456.13</u>	<del>\$323.75</del> <u>\$335.08</u>

		Cost Per Sample	
		Specific*	Surcharge**
(G)	Gas Chromatograph / Mass Spectrometry for Unknown	<del>\$440.71</del> <u>\$456.13</u> for five or fewer compounds	
		<del>\$43.55</del> <u>\$45.07</u> for each additional compound	
(H)	High Volume Sampler (Fugitive Dust)	<del>\$899.40</del> <u>\$930.88</u>	<del>\$449.60</del> <u>\$465.34</u>
(I)	Total Reduced Sulfur Compounds***	<del>\$707.76</del> <u>\$732.53</u>	<del>\$108.72</del> <u>\$112.53</u>
(J)	Sample Preparation	<del>\$54.85</del> <u>\$56.77</u>	<del>\$32.65</del> <u>\$33.79</u>

\* charge for first sample.

\*\* charge for each additional sample, whether at the same or a different sampling location.

\*\*\* The Non-Continuous Emission Testing Fee will only be charged if SCAQMD personnel perform the sampling. In the case where the samples are taken by contractor personnel (for compliance) or facility staff (for information only), only the sample analysis fee is applicable.

(c) Ambient Air Analyses Fees<sup>‡</sup>

(1) ~~Automatic Recording~~Continuous Ambient Air or Atmospheric Wind Monitoring at a Fixed Site or Location

	<u>Type of Test</u>	<u>Fee</u>
(A)	Installation of One (1) Wind-Monitoring System at One (1) Site.	<del>\$1,102.12</del> <u>\$1,140.69</u>
(B)	Installation of Each Additional Wind-Monitoring System at the Same Site as (A).	<del>\$330.39</del> <u>\$341.95</u>
(C)	Operation of One (1) Wind-Monitoring System At One (1) Site, Including Data <del>Reduction</del> <u>QC review.</u>	<del>\$220.23</del> <u>\$227.94/ day</u>
(D)	Operation of Each Additional Wind-Monitoring System at Same Site as (C), Including Data <del>Reduction</del> <u>QC review.</u>	<del>\$77.02</del> <u>\$79.72 / day</u>

(2) Survey Measurement: Continuous Mobile Monitoring Measurements

(A)	<u>Operation of The Optical Remote Sensing Mobile Laboratory (ORS-ML) for Measurements of Volatile Organic Compounds (VOCs) and Other Gaseous Pollutants. Fees include Data QC Review and Analysis</u>	<u>\$4,726.28/ day</u>
(B)	<u>Operation of The Multi-Metal-Monitoring Platform (MMMP) for Measurements of Air Toxic Metals in Ambient Air. Fees include Data QC Review and Analysis</u>	<u>\$3,542.08 / day</u>
(C)	<u>Operation of the Proton Transfer Reaction – Mass Spectrometry (PTR-MS) Platform for VOC Measurements. Fees include Data QC Review and Analysis</u>	<u>\$6,659.42 / day</u>

<sup>‡</sup> These fees are for installation and operation of equipment, and laboratory analyses during regular South Coast AQMD operational working hours.

Labor costs (only when reported as "cost / hour") for installation and operation of equipment, and laboratory analyses during weekends, Mondays, and holidays are subjected to a 50% surcharge.

Mileage fees will be charged on a case-by-case basis using current Internal Revenues Mileage Rates

- (D) Operation of the Ambient Mobile Monitoring Platform (AAMP) for Measurements of Particle and Gaseous Air Pollutants Including Methane. Fees include Data QC Review and Analysis \$2,831.56 / day
  
- (3) Survey Measurement: Monitoring with Portable Instrumentation and Grab Sample Collection
  - (A) Operation of Portable Instrumentation for Survey Monitoring of Particle and Gaseous Pollutants, 10 Hours Per Day, at One (1) or Multiple Site Locations (e.g., Upwind and Downwind of a Facility), Including Data QC Review at Analysis \$1013.60 / day
  
  - (B) Collection of Grab Samples for Laboratory Analysis of Gaseous Pollutants, 10 Hours Per Day, at One (1) or Multiple Site Locations (e.g., Upwind and Downwind of a Facility) \$1013.60 / day plus lab analysis
  
- (24) Ongoing Air Monitoring Effort: ~~Continuous Automatic Recording~~ Ambient Monitoring ~~In Mobile Mode~~ at a fixed site or location
  - (A) Installation of One (1) ~~Instrument and Wind Monitoring System in Mobile Van~~ Continuous Monitor for Single- or Multi-Pollutants Measurements at One (1) Site. ~~\$1,543.47~~\$1,597.49 plus site development
  
  - (B) Installation of ~~Each Additional Instrument in Mobile Van~~ Continuous Monitor for Single- or Multi-Pollutants Measurements at the Same Site (A). ~~\$550.84~~\$570.12 plus site development
  
  - (C) Operation of One (1) Instrument and Wind-Monitoring System in Mobile Mode, 10 Hours Per Day, Weekdays Only. ~~\$837.70~~\$867.02 / day
  
  - (D) ~~Operation of One (1) Instrument and Wind Monitoring System In Mobile Mode, 10 Hours Per Day, Weekends and Holidays.~~ ~~\$1,256.66 / day~~
  
  - (E) Operation of Each Additional ~~Continuous Instrument, Other Than Those Already Installed, in Mobile Van.~~ ~~\$77.02~~\$79.72/ day

- (35) Continuous Non-Recording Ongoing Air Monitoring Effort: Time-integrated Ambient Sampling With Laboratory Analysis of Sample Collected at a Fixed Site or Location for Laboratory Analysis (Weekdays Only).
- |      |   |   |
|------|---|---|
| (A)  | Installation of One (1) <u>24-Hour Time-integrated (e.g., 24-Hour) Sampler for Particle or Gaseous Pollutants (Bag or Sequential Impinger).</u>                 | <del>\$1,102.12</del> <u>\$1,140.69</u><br>plus lab<br>analysis and site development  |
| (B)  | Installation of Each Additional <u>24-Hour Time-integrated (e.g., 24-Hour) Sampler for Particle or Gaseous Pollutants at Same Site as (A).</u>                  | <del>\$881.64</del> <u>\$912.50</u> plus<br>lab<br>analysis and site development  |
| (C)  | Operation of One (1) <u>24-Hour Time-integrated (e.g., 24-Hour) Sampler for Particle or Gaseous Pollutants and Analysis for One (1) Contaminant Per Sample.</u> | <del>\$385.67</del> <u>\$399.17</u> / day<br><del>\$87.70</del> for each<br>additional contaminant  |
| (D)  | Operation of Each Additional <u>24-Hour Time-integrated Sampler for Particle or Gaseous Pollutants at Same Site and Analysis for Same Contaminant in (C).</u>   | <del>\$143.00</del> <u>\$148.01</u> / day<br><del>\$65.73</del> for each<br>additional contaminant  |
| (E)  | <del>Operation of 24-Hour, Sequential Impinger Sampler and Spectrophometric Analysis.</del>   | <del>\$771.51</del> / day for up to<br>12 samples <del>\$330.39</del><br>for each additional set<br>of 12 samples   |
| (FE) | Installation of One (1) Non-Sequential Sampler to Collect Less-Than-24-Hour Samples.  | <del>\$1,322.59</del> <u>\$1,368.88</u><br>plus site development  |
| (GF) | Operation of One (1) Non-Sequential Sampler to Collect Less-Than-24-Hour Samples For One Contaminant.   | <del>\$661.39</del> <u>\$684.54</u> / day   |
| (HG) | Sample Preparation or Extraction Prior to Analysis.   | <del>\$220.23</del> <u>\$227.94</u> / day<br>for up to 12 samples   |
| (HI) | Spectrophometric Analysis of Each Sample Collected in <del>(G)</del> (F) From Any Number of Samplers Operated for Same Project on Same Day.                     | <del>\$109.90</del> <u>\$113.75</u> for<br>first sample or contaminant<br><del>\$43.55</del> <u>\$45.07</u> for<br>each additional sample<br>or contaminant |
| (JI) | Analysis of Each Sample Collected in (G) For Particulates.  | <del>\$131.68</del> <u>\$136.29</u> for<br>first<br>sample<br><del>\$76.91</del> <u>\$79.60</u> for each<br>additional sample                               |



(K)	Gas Chromatograph/Mass Spectrometry Identification For Any Sample Collected Above.	<del>\$220.23</del> <u>\$227.94</u> for five or fewer contaminants <del>\$21.75</del> <u>\$22.51</u> for each additional contaminant
(L)	<del>Additional Fees for Sample Pick-up and Analysis After Normal Weekday Working Hours.</del>	<del>\$109.90 additional / hour for each hour exceeding 8 hour normal week day for sample pick-up or collection \$1,763.73 additional / day for weekends and holidays requiring sample pick up and analysis same day</del>  <del>\$2,204.89 additional / day for weekends and holidays requiring manual sample collection and analysis same day</del>
(6)	<u>Site Development and Decommissioning</u>	
(A)	<u>Field Assessment to Identify Potential Site Location(s)</u>	<u>\$1214.90 / day</u>
(B)	<u>Establishing Access Agreement(s) and Securing Site Location (s)</u>	<u>\$1372.28</u>
(C)	<u>Temporary Fencing, Electrical Permits, Installation of Temp Power, and Other Site Development and Decommissioning Costs</u>	<u>As charged by outside contractor (charge pass through)</u>
(4)	<u>Meteorological Monitoring</u>	
(A)	<del>Conduct Upper Air Observation via Radio or Airsonde.</del>	<del>\$771.55</del>
(B)	<del>Conduct Low Level Air Observation via Tethersonde (8 Hour Program).</del>	<del>\$4,414.03</del>
(C)	<del>Conduct Pilot Balloon Observation (Pibal).</del>	<del>\$4,414.03 / release</del>

- (5) ~~Landfill Integrated Surface Sampling Program, per Rule 1150.1 Guidelines~~
  - (A) ~~Conduct Less Than 24 Hour, Integrated Surface Sampling Program Over three (3) 50,000 Square Foot Grids. Program Includes: Installation and Operation of Wind Monitoring System; Set Up of Sample Grid Areas; Conduct of Sampling Sweeps; and Analysis for One (1) Contaminant Per Sample Bag.~~ \$3,307.40 / grid
  - (B) ~~Conduct Less Than 24 Hour, Integrated Landfill Surface Sampling Program Over Each Additional 50,000 Square Foot Grid At The Same Site as (A).~~ \$716.23
- (6) ~~SF6 Gas Tracer Study~~
  - (A) ~~Conduct SF6 Gas Tracer Study With Up to Sixty (60) Samples, Including Installation and Operation of a Wind Monitoring System and Tethersonde Observations.~~ \$24,255.96
  - (B) ~~Collection and Analysis of Each Additional Sample for (A).~~ \$109.90