

§ 86.1511–84 Exhaust gas analysis system.

(a) * * *

(1) The analyzer used shall conform to the emission measurement accuracy provisions of § 86.1338.

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(8) * * *

(iii) During variations of ± 50 percent of nominal sample flow.

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82. Section 1514–84 of Subpart P is amended by adding paragraph (c) to read as follows:

§ 86.1514–84 Analytical gases.

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(c) If a CVS sampling system is used, the analytical gases specified in § 86.1314 shall be used.

83. Section 86.1537–84 of Subpart P is amended by revising paragraphs (d), (e)(1), (e)(2), and (e)(5) through (e)(7) to read as follows:

§ 86.1537–84 Idle test run.

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(d) Operate the warm engine at 2500 ± 50 rpm, or rated torque speed for diesel-cycle engines, and zero load for a

minimum of 30 seconds and a maximum of 6 minutes.

(e) * * *

(1) If bag samples are drawn, with the sample selector valves in the standby position connect evacuated sample collection bags to the dilute exhaust and dilution air sample collection systems.

(2) Start the CVS (if not already on), the sample pumps, integrators, and the raw CO₂ analyzer, as applicable. (The heat exchanger of the constant volume sampler, if used, shall be running at operating temperature before sampling begins.)

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(5) Begin raw and dilute sampling.

(6) For bag sampling, sample idle emissions long enough to obtain a sufficient bag sample, but in no case shorter than 60 seconds nor longer than 6 minutes. Follow the sampling and exhaust measurements requirements of § 86.340–79(e) for the conducting of the raw CO₂ measurement.

(7) As soon as possible, transfer the idle test exhaust and dilution air samples to the analytical system and process the samples according to § 86.1540–84. Obtain a stabilized reading of the exhaust sample on all

analyzers within 20 minutes of the end of the sample collection phase of the test.

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84. In Part 86, all references to “OMHCE” are revised to read “THCE”, all references to “Organic Material Hydrocarbon Equivalent” are revised to read “Total Hydrocarbon Equivalent”, all references to “Organic material hydrocarbon equivalent” are revised to read “Total hydrocarbon equivalent”, all references to “organic material hydrocarbon equivalent” are revised to read “total hydrocarbon equivalent”, all references to “OMNMHCE” are revised to read “NMHCE”, all references to “Organic Material Non-Methane Hydrocarbon Equivalent” are revised to read “Non-Methane Hydrocarbon Equivalent”, all references to “Organic material non-methane hydrocarbon equivalent” are revised to read “Non-methane hydrocarbon equivalent”, all references to “organic material non-methane hydrocarbon equivalent” are revised to read “non-methane hydrocarbon equivalent”.

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