
40 C.F.R. § 86.1112–87

Determining the compliance level and reporting of test results.

(a) A manufacturer that has elected to conduct a PCA in accordance with § 86.1106–87 may establish the compliance level for a pollutant for any engine or vehicle configuration by using the primary PCA sampling plan or either of two optional reduced PCA sampling plans (the fixed reduced sampling plan or the sequential reduced sampling plan) described below. A manufacturer that uses either of the two optional reduced PCA sampling plans may elect to continue testing and establish a compliance level under the primary PCA sampling plan.

(1) A manufacturer that elects to conduct a PCA for a pollutant using the primary PCA sampling plan shall:

(i) Conduct emission tests on 24 engines or vehicles in accordance with § 86.1111–87 for the pollutants for which the PCA was initiated. If the PCA follows an SEA failure, the number of additional tests conducted shall be the difference between 24 and the number of engines or vehicles tested in the SEA. If 24 or more engines or vehicles were tested in the SEA, no additional tests shall be conducted; and

(ii) Rank the final deteriorated test results, as defined by paragraph (e) of this section, obtained for that pollutant in order from the lowest to the highest value. If the PCA follows an SEA failure, all SEA test results for that pollutant shall be included in this ranking.

(iii) The compliance level for that pollutant is the final deteriorated test result in the sequence determined from table 1 of appendix XII of these regulations.

(2) A manufacturer that elects to conduct a PCA for a pollutant using the fixed reduced PCA sampling plan shall:

(i) Select a sample size between 3 and 23 engines or vehicles. If the PCA follows an SEA failure, the sample size selected cannot be less than the number of engines or vehicles tested during the SEA; and

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