

ARTICLE 22

22.1 For any vehicle which does not meet the Energy Efficiency Standards in respect to the results of the conformity test provided in Article 4, Article 5 and Article 6, the entity who applied for the type approval test may apply for a retest. The retest shall be performed according to the following procedures:

22.1.1 The results of three retests for the original sample test vehicle shall be averaged to a single value (hereinafter referred to Y).

22.1.2 Y and all of the one-time retest results for each vehicle requested for retesting by the application entity and selected by the Competent Authority shall be averaged to determine a single value (hereinafter referred to X).

22.1.3 In the event that the difference of X and the product of statistical parameter times the standard deviation is not smaller than the Energy Efficiency Standards, the vehicles covered by the application shall be regarded as meeting the Energy Efficiency Standards. The standard deviation is calculated by the following equation:

$$\text{Standard Deviation} = \sqrt{\sum \frac{(\text{energy efficiency Value} - X)^2}{\text{Number of Sample Vehicle} - 1}}$$

The statistical parameters are to be determined based on the number of sample test vehicles, as in the following table:

Number of Sample Vehicles	2	3	4	5	6	7	8	9	10
Statistical Parameter	0.973	0.613	0.489	0.421	0.376	0.342	0.317	0.296	0.279
Number of Sample Vehicles	11	12	13	14	15	16	17	18	19
Statistical Parameter	0.265	0.253	0.242	0.233	0.224	0.216	0.210	0.203	0.198

If the number of sample test vehicles is equal to or greater than 20, then

$$\text{Statistical Parameter} = \frac{0.860}{\sqrt{\text{Number of Sample Vehicles}}}$$

22.2 In the event that the entity does not apply for retesting, or the results of the retesting do not meet the Energy Efficiency Standards under this Article, the certificate of conformity in respect to the vehicle or the model of vehicle covered by the certificate shall be annulled. The Competent Authority shall forthwith withhold from the entity the right to sell the vehicles and order the entity to take actions to improve the energy efficiency of the vehicles. The Transportation Management Authority shall not issue vehicle licenses to the vehicles of the model concerned or to any entity who commits a breach of Article 18 as well.

22.3 The entity applying for a retest as described in Paragraph 22.1 of this Article shall deliver the vehicles to the Accredited Agency appointed by the Competent

Authority.