

# 40 C.F.R. § 86.449

## Averaging provisions.

(a) This section describes how and when averaging may be used to show compliance with applicable HC + NO<sub>x</sub> emission standards. Emission credits may not be banked for use in later model years, except as specified in paragraph (j) of this section.

(1) Compliance with the Class I and Class II HC + NO<sub>x</sub> standards set forth in § 86.410-2006 (f) may be demonstrated using the averaging provisions of this section. To do this you must show that your average emission levels are at or below the applicable standards in § 86.410-2006.

(2) Compliance with the Class III HC + NO<sub>x</sub> standards set forth in § 86.410-2006 (a)(2) may be demonstrated using the averaging provisions of this section. To do this you must show that your average emission levels are at or below the applicable standards in § 86.410-2006.

(3) Family emission limits (FELs) may not exceed the following caps:

Class	Tier	Model year	FEL cap (g/km)
			HC + NO <sub>x</sub>
Class I or II	Tier 1	2006 and later	5.0
Class III	Tier 1	2006-2009	5.0
	Tier 2	2010 and later	2.5

(b) Do not include any exported vehicles in the certification averaging program. Include only motorcycles certified under this subpart and intended for sale in the United States.

(c) To use the averaging program, do the following things:

(1) Certify each vehicle to a family emission limit.

(2) Calculate a preliminary average emission level according to paragraph (d) of this section using projected production volumes for your application for certification.

(3) After the end of your model year, calculate a final average emission level according to paragraph (d) of this section for each averaging set for which you manufacture or import motorcycles.

(d) Calculate your average emission level for each averaging set for each model year according to the following equation and round it to the nearest tenth of a g/km. Use consistent units throughout the calculation. The

averaging sets are defined in paragraph (k) of this section.

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