

§ 86.410–2006

40 CFR Ch. I (7–1–04 Edition)

(b) No crankcase emissions shall be discharged into the ambient atmosphere from any new motorcycle subject to this subpart.

[54 FR 14539, Apr. 11, 1989, as amended at 59 FR 48512, Sept. 21, 1994]

§ 86.410–2006 Emission standards for 2006 and later model year motorcycles.

(a)(1) Exhaust emissions from Class I and Class II motorcycles shall not exceed the standards listed in the following table:

TABLE E2006–1.—CLASS I AND II MOTORCYCLE EMISSION STANDARDS

Model year	Emission standards (g/km)	
	HC	CO
2006 and later	1.0	12.0

(2) Exhaust emissions from Class III motorcycles shall not exceed the standards listed in the following table:

TABLE E2006–2.—CLASS III MOTORCYCLE EMISSION STANDARDS

Tier	Model year	Emission standards (g/km)	
		HC + NO _x	CO
Tier 1	2006–2009	1.4	12.0
Tier 2	2010 and later	0.8	12.0

(b) The standards set forth in paragraphs (a) (1) and (2) of this section refer to the exhaust emitted over the driving schedule as set forth in subpart F and measured and calculated in accordance with those procedures.

(c) Compliance with the HC+NO_x standards set forth in paragraph (a)(2) of this section may be demonstrated using the averaging provisions of § 86.449.

(d) No crankcase emissions shall be discharged into the ambient atmosphere from any new motorcycle subject to this subpart.

(e) Manufacturers with fewer than 500 employees worldwide and producing fewer than 3,000 motorcycles per year in the United States are considered small-volume manufacturers for the purposes of this section. The following provisions apply for these small-volume manufacturers:

(1) Small-volume manufacturers are not required to comply with the Tier 1 standards applicable to Class III motorcycles until model year 2008.

(2) Small-volume manufacturers are not required to comply with the Tier 2 standards applicable to Class III motorcycles.

(f) Manufacturers may choose to certify their Class I and Class II motorcycles to an HC + NO_x standard of 1.4 g/km instead of the 1.0 g/km HC standard listed in paragraph (a)(1) of this section. Engine families certified to this standard may demonstrate compliance using the averaging provisions of § 86.449.

(g) Model year 2008 and later motorcycles must comply with the evaporative emission standards described in 40 CFR 1051.110. Manufacturers may show compliance using the design-based certification procedures described in 40 CFR 1051.245. Manufacturers may comply with the tank permeation standards using the averaging provisions in 40 CFR part 1051, subpart H, but may not include any motorcycles equipped with metal fuel tanks in their average emission level. Manufacturers may not average between highway motorcycle engine families and recreational vehicle families.

[69 FR 2436, Jan. 15, 2004]

§ 86.411–78 Maintenance instructions, vehicle purchaser.

(a) The manufacturer shall furnish or cause to be furnished to the ultimate purchaser of each new motorcycle the written instructions for the periodic and anticipated maintenance and use of the vehicle by the ultimate purchaser as may be reasonable and necessary to assure the proper functioning of emission control systems for the vehicle's useful life.

(1) Such instructions shall be provided for those vehicle and engine components listed in appendix VI to this part (and for any other components) to the extent that maintenance of these components is necessary to assure the proper functioning of emission control systems.

(2) Such instructions shall be in the English language and in clear, and to the extent practicable, nontechnical language.

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(b) The maintenance instructions required by this section shall:

(1) Contain a general description of the documentation which the manufacturer will require from the ultimate purchaser or any subsequent purchaser as evidence of compliance with the instructions, and

(2) Specify the performance of all scheduled maintenance performed by the manufacturer under § 86.428.

§ 86.412-78 Maintenance instructions, submission to Administrator.

(a) *Instructions for ultimate purchaser.*

(1) The manufacturer shall provide to the Administrator, at least 30 days before being supplied to the ultimate purchaser (unless the Administrator consents to a lesser period of time), a copy of the maintenance instructions which the manufacturer proposes to supply to the ultimate purchaser. The instructions must include the periodic and anticipated maintenance contained in the application for certification or contained in the manufacturers' records (if anticipated sales are less than 10,000 units). Such instructions must be reasonable and necessary to assure the proper functioning of the vehicle's emission control systems.

(2) Any revision to the maintenance instructions which will affect emissions shall be supplied to the Administrator at least 30 days before being supplied to the ultimate purchaser unless the Administrator consents to a lesser period of time.

(b) *Other instructions.* The manufacturer of any new motorcycle subject to any of the standards prescribed in this subpart shall submit to the Administrator at the time of issuance by the manufacturer, copies of all sales brochures, instructions, or explanations regarding the use, repair, adjustment, maintenance, or testing of such vehicle relevant to the control of crankcase or exhaust emissions, issued by the manufacturer for use by other manufacturers, assembly plants, distributors, dealers, repair facilities, and ultimate purchasers. Any material not translated into the English language need not be submitted unless specifically requested by the Administrator.

§ 86.413-78 Labeling.

(a)(1) The manufacturer of any motorcycle shall, at the time of manufacture, affix a permanent, legible label, of the type and in the manner described below, containing the information hereinafter provided, to all production models of such vehicles available for sale to the public and covered by a certificate of conformity.

(2) A permanent, legible label shall be affixed in a readily accessible position. Multi-part labels may be used.

(3) The label shall be affixed by the vehicle manufacturer who has been issued the certificate of conformity for such vehicle, in such a manner that it cannot be removed without destroying or defacing the label.

(4) The label shall contain the following information lettered in the English language in block letters and numerals, which shall be of a color that contrasts with the background of the label:

(i) *The label heading.* Vehicle Emission Control Information;

(ii) Full corporate name and trademark of the manufacturer;

(iii) Engine displacement (in cubic centimetres) and engine family identification;

(iv) Engine tuneup specifications and adjustments, as recommended by the manufacturer, including idle speed, ignition timing, and the idle air-fuel mixture setting procedure and value (e.g., idle CO, idle air-fuel ratio, idle speed drop). These specifications shall indicate the proper transmission position during tuneup;

(v) Any specific fuel or engine lubricant requirements (e.g., lead content, Research octane number, engine lubricant type);

(vi) An unconditional statement of conformity to USEPA regulations which includes the model year; for example, This Vehicle Conforms to USEPA Regulation Applicable to Model Year New Motorcycles.

(b) The provisions of this section shall not prevent a manufacturer from also reciting on the label that such vehicle conforms to any other applicable Federal or State standards for new motorcycles or any other information