

40 C.F.R. § 1045.105

What exhaust emission standards must my sterndrive/inboard engines meet?

(a) *Duty-cycle emission standards.* Starting in the 2010 model year, exhaust emissions from your sterndrive/inboard engines may not exceed emission standards as follows:

- (1) Measure emissions using the applicable steady-state test procedures described in subpart F of this part.
- (2) For conventional sterndrive/inboard engines, the HC + NO_x emission standard is 5.0 g/kW-hr and the CO emission standard is 75.0 g/kW-hr.
- (3) The exhaust emission standards from the following table apply for high-performance engines:

Table 1 to § 1045.105—Emission Standards for High-Performance Engines (g/kW-hr)

Model year	Power ¹	HC + NO _x	CO
2010	P≤485 kW	20.0	350
	P>485 kW	25.0	350
2011 +	P≤485 kW	16.0	350
	P>485 kW	22.0	350

¹ Power (P) = maximum engine power in kilowatts (kW).

(b) *Averaging, banking, and trading.* You may not generate or use emission credits for high-performance engines. You may generate or use emission credits under the averaging, banking, and trading (ABT) program described in subpart H of this part for demonstrating compliance with HC + NO_x and CO emission standards for conventional sterndrive-inboard engines. To generate or use emission credits, you must specify a family emission limit for each pollutant you include in the ABT program for each engine family. These family emission limits serve as the emission standards for the engine family with respect to all required testing instead of the standards specified in this section. An engine family meets emission standards even if its family emission limit is higher than the standard, as long as you show that the whole averaging set of applicable engine families meets the emission standards using emission credits and the engines within the family meet the family emission limit. Family emission limits for conventional sterndrive/inboard engines may not be higher than 16.0 g/kW-hr for HC + NO_x and 150 g/kW-hr for CO except as specified in § 1045.145(c).

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