

TABLE 3 OF § 1039.102.—INTERIM TIER 4 EXHAUST EMISSIONS STANDARDS FOR ENGINES 56>kW<75

Model years	Phase-in option	Emissions standard g/kW-hr				
		PM	NO _x	NMHC	NO _x +NMHC	CO
2012–2013	Phase-in	0.02	0.40	0.19	.....	5.0
	Phase-out (No more than 50%)	0.02	.....	.....	4.7	5.0

TABLE 4 OF § 1039.102.—INTERIM TIER 4 EXHAUST EMISSIONS STANDARDS FOR ENGINES 75≤kW<130

Model years	Phase-in option	Emissions standard g/kW-hr				
		PM	NO _x	NMHC	NO _x +NMHC	CO
2012–2013	Phase-in	0.02	0.40	0.19	.....	5.0
	Phase-out (No more than 50%)	0.02	.....	.....	4.0	5.0

TABLE 5 OF § 1039.102.—INTERIM TIER 4 EXHAUST EMISSIONS STANDARDS FOR ENGINES 130≤kW≤560

Model years	Phase-in option	Emissions standard g/kW-hr				
		PM	NO _x	NMHC	NO _x +NMHC	CO
2012–2013	Phase-in	0.02	0.40	0.19	.....	3.5
	Phase-out (No more than 50%)	0.02	.....	.....	4.0	3.5

TABLE 6 OF § 1039.102.—INTERIM TIER 4 EXHAUST EMISSIONS STANDARDS FOR ENGINES kW>560

Model years	Phase-in option	Emissions standard g/kW-hr				
		PM	NO _x	NMHC	NO _x +NMHC	CO
2012–2013	Phase-in	0.02	0.40	0.19	.....	3.5
	Phase-out (No more than 50%)	0.02	.....	.....	6.4	3.5

(c) *Phase-in option.* The following phase-in provisions apply for engines with maximum engine power of 56 kW or higher.

(1) For model years noted in Tables 3 through 6 of this section, you may certify some of your engine families to the combined NO_x+NMHC standard specified in the phase-in option instead of to the separate NO_x and NMHC standards otherwise specified in the applicable table.

(2) For engines with maximum engine power over 560 kW for the model years noted in Table 6 of this section, you may certify some of your engine families to the PM standard specified in the phase-in option instead of to the PM standard otherwise specified in the

applicable table. Engines certified to the phase-out standards in Table 6 of this section that are not naturally aspirated are not required to meet the crankcase emission standard in 1039.115(a).

(3) Engines certified to the phase-out standards in Tables 3 through 5 must comply with all other requirements applicable to Tier 4 engines, except as specified in paragraph (d) of this section.

(4) The combined number of engines in the engine families certified to phase-out standards may not exceed 50 percent of your U.S.-directed production volume of nonroad CI engines for that power category for any model year, except as explicitly allowed by § 1039.104(c).

(d) *Other provisions.* The provisions of § 1039.101 (c) through (i) apply with respect to the standards of this section with the following exceptions:

(1) *NTE standards.* NTE standards are determined relative to the standards listed in Tables 1 through 7 of this section, instead of the standards listed in Table 1 of § 1039.101. There are no NTE standards for the optional phase-out standards specified in Table 6 of this section for engines over 560 kW that are certified using the carry-over provisions of § 1039.235(d).

(2) The FEL caps listed in Tables 7 and 8 of this section apply instead of the FEL caps in Table 2 of § 1039.101.

TABLE 7 OF § 1039.102.—INTERIM TIER 4 FEL CAPS FOR ENGINES WITH MAXIMUM ENGINE POWER LESS THAN 56 kW AND PHASE-IN ENGINES WITH MAXIMUM ENGINE POWER GREATER THAN OR EQUAL TO 56 kW

Engine power	Emission g/kW-hr		
	PM	NO _x	NO _x +NMHC
19 ≤ kW < 37	0.60	.....	9.5
37 ≤ kW < 56	0.40	.....	7.5