

40 C.F.R. § 86.129-94

Road load power, test weight, inertia weight class determination, and fuel temperature profile.

Section 86.129-94 includes text that specifies requirements that differ from § 86.129-80. Where a paragraph in § 86.129-80 is identical and applicable to § 86.129-94, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.129-80.” Where a corresponding paragraph of § 86.129-80 is not applicable, this is indicated by the statement “[Reserved].”

(a) Flywheels, electrical, or other means of simulating test weight as shown in the following table shall be used. If the equivalent test weight specified is not available on the dynamometer being used, the next higher equivalent test weight (not to exceed 250 pounds) available shall be used:

Road load power at 50 mi/hour—light duty trucks ^{1 2 3}	Test weight basis ^{4 5}	Test equivalent test weight (pounds)	Inertia weight class (pounds)
	Up to 1062	1,000	1,000
	1063 to 1187	1,125	1,000
	1188 to 1312	1,250	1,250
	1313 to 1437	1,375	1,250
	1438 to 1562	1,500	1,500
	1563 to 1687	1,625	1,500
	1688 to 1812	1,750	1,750
	1813 to 1937	1,875	1,750
	1938 to 2062	2,000	2,000
	2063 to 2187	2,125	2,000
	2188 to 2312	2,250	2,250
	2313 to 2437	2,375	2,250
	2438 to 2562	2,500	2,500
	2563 to 2687	2,625	2,500
	2688 to 2812	2,750	2,750

	2813 to 2937	2,875	2,750
	2938 to 3062	3,000	3,000
	3063 to 3187	3,125	3,000
	3188 to 3312	3,250	3,000
	3313 to 3437	3,375	3,500
	3438 to 3562	3,500	3,500
	3563 to 3687	3,625	3,500
	3688 to 3812	3,750	3,500
	3813 to 3937	3,875	4,000
	3938 to 4125	4,000	4,000
	4126 to 4375	4,250	4,000
	4376 to 4625	4,500	4,500
	4626 to 4875	4,750	4,500
	4876 to 5125	5,000	5,000
	5126 to 5375	5,250	5,000
	5376 to 5750	5,500	5,500
	5751 to 6250	6,000	6,000
	6251 to 6750	6,500	6,500
	6751 to 7250	7,000	7,000
	7251 to 7750	7,500	7,500
	7751 to 8250	8,000	8,000
	8251 to 8750	8,500	8,500
	8751 to 9250	9,000	9,000
	9251 to 9750	9,500	9,500
	9751 to 10250	10,000	10,000
	10251 to 10750	10,500	10,500
	10751 to 11250	11,000	11,000
	11251 to 11750	11,500	11,500

	11751 to 12250	12,000	12,000
	12251 to 12750	12,500	12,500
	12751 to 13250	13,000	13,000
	13251 to 13750	13,500	13,500
	13751 to 14,000	14,000	14,000

¹ For all light-duty trucks except vans, and for heavy-duty vehicles optionally certified as light-duty trucks, and for complete heavy-duty vehicles, the road load power (horsepower) at 50 mi/h shall be 0.58 times B (defined in footnote 3 of this table) rounded to the nearest 1/2 horsepower.

² For vans, the road load power at 50 mi/h (horsepower) shall be 0.50 times B (defined in footnote 3 of this table) rounded to the nearest 1/2 horsepower.

³ B is the basic vehicle frontal area (square foot) plus the additional frontal area (square foot) of mirrors and optional equipment exceeding 0.1 ft² which are anticipated to be sold on more than 33 percent of the car line. Frontal area measurements shall be computed to the nearest 10th of a square foot using a method approved in advance by the Administrator.

⁴ For model year 1994 and later heavy light-duty trucks not subject to the Tier 0 standards of § 86.094-9, test weight basis is as follows: for emissions tests, the basis shall be adjusted loaded vehicle weight, as defined in § 86.094-2; and for fuel economy tests, the basis shall be loaded vehicle weight, as defined in § 86.082-2, or, at the manufacturer's option, adjusted loaded vehicle weight as defined in § 86.094-2. For all other vehicles, test weight basis shall be loaded vehicle weight, as defined in § 86.082-2.

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