
40 C.F.R. § 1036.620

Alternate CO₂ standards based on model year 2011 compression-ignition engines.

For model years 2014 through 2016, you may certify your compression-ignition engines to the CO₂ standards of this section instead of the CO₂ standards in § 1036.108. However, you may not certify engines to these alternate standards if they are part of an averaging set in which you carry a balance of banked credits. You may submit applications for certifications before using up banked credits in the averaging set, but such certificates will not become effective until you have used up (or retired) your banked credits in the averaging set. For purposes of this section, you are deemed to carry credits in an averaging set if you carry credits from advanced technology that are allowed to be used in that averaging set.

- (a) The standards of this section are determined from the measured emission rate of the engine of the applicable baseline 2011 engine family or families as described in paragraphs (b) and (c) of this section. Calculate the CO₂ emission rate of the baseline engine using the same equations used for showing compliance with the otherwise applicable standard. The alternate CO₂ standard for light and medium heavy-duty vocational-certified engines (certified for CO₂ using the transient cycle) is equal to the baseline emission rate multiplied by 0.975. The alternate CO₂ standard for tractor-certified engines (certified for CO₂ using the SET duty cycle) and all other Heavy HDE is equal to the baseline emission rate multiplied by 0.970. The in-use FEL for these engines is equal to the alternate standard multiplied by 1.03.

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