

FINAL REGULATION ORDER, PART 1

Note: Amendments to the regulations are shown with underline text for additions and ~~strikeout text for deletions~~. Newly adopted regulations are shown without underline as permitted by California Code of Regulations, title 1, section 8. Subsection headings are shown in italics and should be italicized in Barclays California Code of Regulations.

Amend California Code of Regulations, title 13, sections 2430, 2431, 2433, 2434, and 2438 to read:

Article 4.5. Off-Road Large Spark-Ignition Engines

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NOTE: Authority cited: Sections 39600, 39601, 43013, 43018, 43101, 43102 and 43104, Health and Safety Code. Reference: Sections 43013, 43017, 43018, 43101, 43102, 43104, 43105, 43150, 43151, 43152, 43153, 43154, 43205.5, and 43210, 43210.5, 43211 and 43212, Health and Safety Code.

§ 2431. Definitions.

DEFINITIONS

(a) The definitions in Section 1900 (b), Chapter 1, Title 13 of the California Code of Regulations apply to this Article with the following additions:

(1) to (18) [No Change]

(19) "Family Emission Level or FEL" means an emission level that is declared by the manufacturer to serve for the averaging, banking, and trading program and in lieu of an emission standard for certification. The FEL serves as the engine family's emission standard for emissions compliance efforts. If the manufacturer does not declare an FEL for an engine family, the applicable emissions standard must be treated as that engine family's FEL for the purposes of any provision of this Article. The FEL must be expressed to the same number of decimal places as the applicable emission standard.

~~(1920)~~ [No Change]

~~(2021)~~ [No Change]

~~(2422)~~ [No Change]

~~(2223)~~ [No Change]

~~(2324)~~ [No Change]

~~(2425)~~ [No Change]

~~(2526)~~ [No Change]

~~(2627)~~ [No Change]

(2728) "Off-Road Large Spark-ignition Engines" or "LSI Engines" means any engine that produces a gross horsepower 25 and greater horsepower or is designed (e.g., through fueling, engine calibrations, valve timing, engine speed modifications, etc.) to produce 25 and greater horsepower (greater than 19 kilowatts on or after January 1, 2007). If an engine family has models at or above 25 horsepower and models below 25 horsepower, only the models at or above 25 horsepower (greater than 19 kilowatts on or after January 1, 2007) would be considered LSI engines. The engine's operating characteristics are significantly similar to the theoretical Otto combustion cycle with the engine's primary means of controlling power output being to limit the amount of air that is throttled into the combustion chamber of the engine. LSI engines or alternate fuel powered LSI internal combustion engines are designed for powering, but not limited to powering, forklift trucks, sweepers, generators, and

industrial equipment and other miscellaneous applications. All engines and equipment that fall within the scope of the preemption of Section 209(e)(1)(A) of the Federal Clean Air Act, as amended, and as defined by regulation of the Environmental Protection Agency, are specifically excluded from this category.

Specifically excluded from this category are: 1) engines operated on or in any device used exclusively upon stationary rails or tracks; 2) engines used to propel marine vessels; 3) internal combustion engines attached to a foundation at a location for at least 12 months; 4) off-road recreational vehicles and snowmobiles; and 5) stationary or transportable gas turbines for power generation.

~~(2829)~~ [No Change]

~~(2930)~~ [No Change]

~~(3031)~~ [No Change]

~~(3132)~~ [No Change]

~~(3233)~~ [No Change]

~~(3334)~~ [No Change]

~~(3435)~~ [No Change]

~~(3536)~~ [No Change]

~~(3637)~~ [No Change]

~~(3738)~~ [No Change]

~~(3839)~~ [No Change]

~~(3940)~~ [No Change]

~~(4041)~~ [No Change]

~~(4142)~~ [No Change]

~~(4243)~~ [No Change]

NOTE: Authority cited: Sections 39600, 39601, 43013, 43018, 43101, 43102 and 43104, Health and Safety Code. Reference: Sections 43013, 43017, 43018, 43101, 43102, 43104, 43105, 43150, 43151, 43152, 43153, - 43154, 43205.5, and 43210, 43210.5, 43211 and -43212, Health and Safety Code.