

FINAL REGULATION ORDER

All existing language is indicated by plain type. All additions to language are indicated by underline. All deletions to language are indicated by ~~strikeout~~.

Amend Title 13, California Code of Regulations, Section 2403, to read as follows:

2403. Exhaust Emission Standards and Test Procedures - Utility and Lawn and Garden Equipment Engines.

(a) This section shall be applicable to utility and lawn and garden equipment engines produced on or after January 1, 1995.

(b) Exhaust emissions from new utility and lawn and garden equipment engines, manufactured for sale, sold, offered for sale, introduced or delivered for introduction into commerce in, or imported into California, shall not exceed:

| Exhaust Emission Standards (grams per brake horsepower-hour) | | | | | | |
|---|----------------------------|--|----------------------|--------------------|-----------------------|----------------------|
| Calendar Year | Engine Class (1) | Hydro- carbon plus oxides of nitrogen (2) | Hydro- carbon (2) | Carbon monoxide | Oxides of nitrogen | Particulate |
| 1995 to | I | 12.0 | - | 300 | - | 0.9 (3) |
| 1998 | II | 10.0 | - | 300 | - | 0.9 (3) |
| <u>1995</u> | III (4) | - | 220 | 600 | 4.0 | - |
| | IV (4) | - | 180 | 600 | 4.0 | - |
| | V (4) | - | 120 | 300 | 4.0 | - |
| <u>1996 to</u> | I | <u>12.0</u> | = | <u>350</u> | = | <u>0.9 (3)</u> |
| <u>1998</u> | II | <u>10.0</u> | = | <u>350</u> | = | <u>0.9 (3)</u> |
| | <u>III (4)</u> | = | <u>220</u> | <u>600</u> | <u>4.0</u> | = |
| | <u>IV (4)</u> | = | <u>180</u> | <u>600</u> | <u>4.0</u> | = |
| | <u>V (4)</u> | = | <u>120</u> | <u>300</u> | <u>4.0</u> | = |
| 1999 and subsequent | I, II III, IV, V (4) | 3.2 - | - 50 | 100 130 | - 4.0 | 0.25 (5) 0.25 (5) |

- (1) "Class I" means utility and lawn and garden equipment engines less than 225 cc in displacement.
"Class II" means utility and lawn and garden equipment engines greater than or equal to 225 cc in displacement.
"Class III" means hand-held utility and lawn and garden equipment engines less than 20 cc in displacement.
"Class IV" means hand-held utility and lawn and garden equipment engines 20 cc to less than 50 cc in displacement.
"Class V" means hand-held utility and lawn and garden equipment engines greater than or equal to 50 cc in displacement.
- (2) "The Executive Officer may allow gaseous-fueled (i.e., propane, natural gas) engine families, that satisfy the requirements of Section 20 of Part I, to certify to either the hydrocarbon plus oxides of nitrogen or hydrocarbon emission standard, as applicable, on the basis of the non-methane hydrocarbon (NMHC) portion of the total hydrocarbon emissions.
- (3) Applicable to all diesel-cycle engines.
- (4) These standards may be used for engines that meet the requirements of (i) and (ii) below, and for two-stroke engines that power only snow throwers.
 - (i) The engine must be used in a hand-held piece of equipment. To be classified as a hand-held piece of equipment, the equipment must require its full weight to be supported by the operator in the performance of its requisite function.
 - (ii) The engine and equipment must require multi-positional characteristics for use (e.g., it must be capable of operating in any position, upside down, or sideways as required to complete the job).
- (5) Applicable to all diesel-cycle engines, and all two-stroke engines.

(c) The test procedures for determining compliance with the standards for exhaust emissions from new utility and lawn and garden equipment engines are set forth in "California Exhaust Emission Standards and Test Procedures for 1995 and Later Utility and Lawn and Garden Equipment Engines," adopted March 20, 1992, and last amended ~~May 26, 1995~~ January 25, 1996.

(d) through (f) [No Change]

NOTE: Authority cited: Sections 39600, 39601, 43103 and 43018, Health and Safety Code.
Reference: Sections 43013, 43017 and 43018, Health and Safety Code.