

Attachment 1 – Modified Text

Note for Commenters: Modifications to this document as proposed and released December 7, 2007 are shown in underline to indicate additions and ~~strikeout~~ to indicate deletions compared to the original text as presented in the ARB Staff Report: Initial Statement of Reasons released May 4, 2007. Additional modifications to this document are shown in double underline to indicate additions and ~~double strikeout~~ to indicate deletions compared to the last public release of this document on December 7, 2007. Only those modifications shown in double underline and ~~double strikeout~~ are open for comment during this comment period.

State of California AIR RESOURCES BOARD

CALIFORNIA ENVIRONMENTAL PERFORMANCE LABEL SPECIFICATIONS FOR 2009 AND SUBSEQUENT MODEL YEAR PASSENGER CARS, LIGHT-DUTY TRUCKS, AND MEDIUM-DUTY PASSENGER VEHICLES

Adopted: {Insert Date}

Note: These specifications shall take effect for all vehicles manufactured on ~~October 1, 2008~~ January 1, 2009 and thereafter. On ~~October 1, 2008~~ January 1, 2009, the Environmental Performance Label will replace the Smog Index Label; therefore vehicles manufactured on ~~October 1, 2008~~ January 1, 2009, and thereafter will no longer require a Smog Index Label. Replacing the Smog Index Label with the new Environmental Performance Label prior to ~~October 1, 2008~~ January 1, 2009 is ~~acceptable~~ optional but if so replaced, must meet these specifications.

**State of California
AIR RESOURCES BOARD**

California Environmental Performance Label Specifications

1. Prohibition. The sale and registration in this state of any certified new 2009 and subsequent model passenger car, light-duty truck, and medium-duty passenger vehicle manufactured on or after ~~October 1, 2008~~ January 1, 2009 to which an Environmental Performance label has not been affixed in accordance with these procedures is prohibited. Affixing the Environmental Performance label to a vehicle manufactured before ~~October 1, 2008~~ January 1, 2009 in lieu of the Smog Index Label is optional, however, each such label optionally affixed and not meeting all specifications herein, is prohibited.

2. Requirements.

(a) Environmental Performance Label:

- (1) Except as provided in paragraph 2.(a)(5) or 2.(b), ~~An~~ a stand alone Environmental Performance label made of paper or plastic ~~shall~~ must be securely affixed in a location specified in section 43200 of the Health and Safety Code.
- (2) The Environmental Performance label ~~shall~~ must display the global warming score for the vehicle, as specified in ~~section~~ paragraph 3. **Global Warming Score** of these specifications. ~~below.~~
- (3) The Environmental Performance label ~~shall~~ must display the smog score for the vehicle, as specified in ~~section~~ paragraph 4. **Smog Score** of these specifications. ~~below.~~
- (4) The Environmental Performance label may be expanded to include bar coding information, if and only if all requirements for the Environmental Performance label are maintained and the bar coding information is placed outside the 4 x 6 inch label perimeter.
- (5) The Environmental Performance label may instead be placed on labeling feedstock that displays stock numbers and other vehicle related consumer information. If exercising this option, the following color ranges of green, as selected from the Pantone Formula Guide, product #GP1201, which is incorporated by reference herein, must not to be used on the label feedstock within a 2-inch perimeter outside the label's border:
 - (A) PMS 320 (C or U) through PMS 378 (C or U)
 - (B) PMS 3242 (C or U) through PMS 3435 (C or U)

- (C) PMS 560 (C or U) through PMS 562 (C or U)
- (D) PMS 567 (C or U) through PMS 569 (C or U)

(6) The Environmental Performance label shall must take the form as set forth in section 7 paragraph 6. **Environmental Performance Label Format Requirements** and Attachment A of these specifications. this document.

(b) Alternate Environmental Performance Label: An alternate Environmental Performance label, which is reduced in size, may be used, if and only if the following requirements are met:

(1) The alternate label is placed or incorporated within the new vehicle Monroney sticker required by the Automobile Information Disclosure Act (15 U.S.C. 1232), as provided by the vehicle manufacturer, and

(2) The alternate label must display the global warming score for the vehicle, as specified in paragraph 3. **Global Warming Score** of these specifications.

(3) The alternate label must display the smog score for the vehicle, as specified in paragraph 4. **Smog Score** of these specifications.

(4) The following color ranges of green, as selected from the Pantone Formula Guide, product #GP1201, and which is incorporated by reference herein, are not used on the Monroney sticker within a 2-inch perimeter outside the label's border:

- (A) PMS 320 (C or U) through PMS 378 (C or U)
- (B) PMS 3242 (C or U) through PMS 3435 (C or U)
- (C) PMS 560 (C or U) through PMS 562 (C or U)
- (D) PMS 567 (C or U) through PMS 569 (C or U), and

(5) The alternate Environmental Performance label shall must take the form as set forth in section paragraph 7. **Alternate Environmental Performance Label Format Requirements** and Attachment B of these specifications.

3. Global Warming Score

(a) The global warming emissions value used to determine a vehicle's global warming score shall must be measured and calculated as follows:

(1) If California has received a waiver of federal preemption under the Clean Air Act, Section 209(b), to enforce Title 13, California Code of Regulations, Section 1961.1 as noticed in the Federal Register, then the

global warming emissions value is the CO₂Equivalent -equivalent combined value as calculated in accordance with ~~according to~~ Title 13, California Code of Regulations, Section § 1961.1(a)(1)(B) and certified pursuant thereto.

(2) If California has not received a waiver of federal preemption under the Clean Air Act, Section 209(b), to enforce Title 13, California Code of Regulations, Section 1961.1 as noticed in the Federal Register, then the global warming emissions value is the CO₂-equivalent combined value as calculated using the following method:

(A) If the vehicle is not equipped with an air conditioning system, than the CO₂-equivalent combined value is calculated using this equation:

$$\text{CO}_2\text{-equivalent combined value} = [(0.55 \times \text{CO}_2\text{-city} + 0.45 \times \text{CO}_2\text{-highway}) + 2] \times \text{Fuel Adjustment Factor}$$

(B) If the vehicle is equipped with an air conditioning system, than the CO₂-equivalent combined value is calculated using this equation:

$$\text{CO}_2\text{-equivalent combined value} = [(0.55 \times \text{CO}_2\text{-city} + 0.45 \times \text{CO}_2\text{-highway}) + 25 - (\text{A/C-direct} + \text{A/C-indirect})] \times \text{Fuel Adjustment Factor}$$

Where:

- i. "CO₂-city" and "CO₂-highway" values are the vehicle's grams per mile city and highway CO₂ measured emissions reported to ARB in accordance with the August 29, 2007, ARB Mailout, MSO #2007-03, and incorporated by reference herein.
- ii. "A/C-direct" is a credit for an A/C system that qualifies as a "low-leak" system. The A/C-direct default value is zero for A/C systems that do not qualify as a "low-leak" system. To qualify as a "low-leak" A/C system that uses HFC-134a as the refrigerant, the following requirements apply and the Executive Officer will review submitted demonstrations for approval:
 1. The manufacturer must demonstrate via engineering evaluation that the A/C system minimizes overall refrigerant leakage by:
 - a. Minimizing the number of fitting and joints.
 - b. Limiting the use of single O-rings for pipe and hose connections.

- c. Using lowest permeability hose for containment of the refrigerant.
- d. Minimizing leakage from compressor shaft seal and housing seals.

- 2. Annual leakage refrigerant emissions are measured and determined in accordance with SAE International standard J2727 (Rev. Jul. 2007).

If the A/C system is determined to be a “low-leak” system in accordance with paragraphs 3.(a)(2)(B)ii.1. and 2. above and if approved by the Executive Officer, the A/C-direct credit is then calculated using the following equation:

$$\text{A/C-direct} = 6 - \frac{\text{SAE J2727 measured annual refrigerant leakage in grams} \times 1300}{12,000}$$

- iii. For an A/C system that uses a refrigerant with a Global Warming Potential \leq 150 times that of CO₂, the A/C-direct credit is equal to 6 grams/mile.
- iv. “A/C-indirect” is a credit for an A/C system that qualifies as an “improved” system. The A/C-indirect default value is zero for A/C systems that do not qualify as an “improved” system. To qualify as an “improved” system that uses CO₂, HFC-134a, HFC-152a, or other halocarbon refrigerant, the following requirements apply and the Executive Officer will review submitted demonstrations for approval:
 - 1. The manufacturer demonstrates using test data in an engineering evaluation that the A/C system achieves lower A/C-indirect emissions than the default value of 17 grams/mile.
 - 2. The system manages outside and re-circulated air balance to achieve comfort, demisting, and safety requirements, based on factors such as temperature, humidity, pressure, and level of fresh air in the passenger compartment in order to minimize compressor usage.
 - 3. The system is optimized for energy efficiency by utilizing state-of-the-art high efficiency evaporators, expansion devices, condensers, and other components.

4. The system has external controls that adjust the evaporative temperature to minimize the necessity of reheating cold air to satisfy occupant comfort.

If the A/C system is determined to be an “improved” system in accordance with paragraphs 3.(a)(2)(B)iv.1. through 4. above and if approved by the Executive Officer, the A/C-indirect credit is calculated using the following equation:

$$\text{A/C-indirect} = 17 - \frac{\text{Compressor Displacement in cubic centimeters} \times 5}{100}$$

v. “Fuel Adjustment Factor” is the upstream greenhouse gas emission adjustment factor for various fuels and is assigned the following values:

<u>Fuel Type</u>	<u>Fuel Adjustment Factor</u>
<u>Gasoline</u>	<u>1.00</u>
<u>Diesel</u>	<u>1.00</u>
<u>Natural Gas</u>	<u>1.03</u>
<u>LPG</u>	<u>0.89</u>
<u>E85</u>	<u>0.74</u>

(C) Vehicles that use electricity or hydrogen as their only fuel source are exempt from testing and submission of greenhouse gas data for calculating CO₂-equivalent combined values. Such vehicles will be assigned a default CO₂-equivalent combined value as follows:

<u>Vehicle Type</u>	<u>CO₂-equivalent combined value (g/mile)</u>
<u>Battery Electric</u>	<u>130</u>
<u>Hydrogen Internal Combustion</u>	<u>290</u>
<u>Hydrogen Fuel Cell Electric</u>	<u>210</u>

(b) The average new vehicle CO₂^{Equivalent} ~~-equivalent~~ combined value is projected to be 360 grams per mile and ~~will shall~~ be assigned a global warming score of 5.

(c) The global warming scores in the following table ~~shall~~ apply to all:

(1) passenger cars, and

(2) light-duty trucks 0-8500 lbs. pounds GVW, except trucks 3751 lbs. LVW to 8500 lbs. GVW that are certified to Option 1 LEV II NOx standard,

pursuant to Title 13, California Code of Regulations, Section 1961(a)(1), and

(3) medium-duty passenger vehicles ~~8500-10000~~ 8501-9999 lbs. GVW:

Grams per mile CO ₂ Equivalent -equivalent combined	Global Warming Score
Less than 200	10
200-239	9
240-279	8
280-319	7
320-359	6
360-399	5
400-439	4
440-479	3
480-519	2
520 and up	1

4. Smog Score

- (a) The average new vehicle NMOG + NOx certification value is assigned projected to be closest to an Ultra-Low-Emission Vehicle (ULEV) certification and ~~is shall be~~ is assigned a smog score of 5, regardless of actual average certified values.
- (b) The smog scores in the following table apply to 2009 and subsequent model-year passenger cars and light-duty trucks 0-8500 lbs. pounds GVW and medium-duty passenger vehicles ~~8500-10000~~ 8501-9999 lbs. GVW, as certified pursuant to Title 13, California Code of Regulations, Section 1961(a)(1):

California Emissions Category – Federal Bins	NMOG + NOx (g/mile)	Smog Score
ZEV – Bin 1	0.0	10
PZEV	0.030	9
SULEV – Bin 2	0.030	8
Bin 3	0.085	7
Bin 4	0.110	6
ULEV	0.125	5
LEV – Bin 5	0.160	4

[LEV (option 1) – Bin 6] and [SULEV (MDPV)]	0.190 – 0.200	3
Bin 7	0.240	2
ULEV (MDPV) – Bin 8a	0.325	1

5. Bi-Fuel, Fuel Flexible, and ~~and~~ Dual-Fuel, ~~and~~ Grid-Connected Hybrid Electric Vehicles. Notwithstanding Title 13, California Code of Regulations, Section 1961.1(a)(1)(B)2. ~~(2)(a)~~, the global warming score and smog score ~~are~~ is based on exhaust mass emission tests when the vehicle is operating on gasoline or diesel.

6. Environmental Performance Label ~~f~~Format ~~r~~Requirements. Detailed printing specifications requirements and a sample label are given in Attachment A of this part ~~specification and apply to the label requirements of paragraph 2.(a) of these specifications provisions in this section 6.~~ Unless otherwise stated, a dimensional tolerance of plus or minus 0.039 inches (1.0 millimeter) shall apply to printer and label feedstock alignment, each individual dimension.

(a) Environmental ~~p~~Performance labels:

- (1) Must be rectangular in shape, ~~with a minimum size of 6 inches wide x 4 inches high.~~
- (2) Must be white, outlined with a 4 3 point green line and have ~~exactly~~ a 0.5 inch high section of green at the top and ~~exactly~~ a 1 inch high section of green at the bottom.

(b) Label information. The following item numbers correspond with the table numbers and sample label reference numbers in Attachment A. The information on each label must meet the following requirements:

- (1) The color for the ~~background~~ prescribed green as specified in Attachment A is PMS 347 (C or U) selected from the Pantone Formula Guide, Product # GP1201, incorporated by reference, herein Matching System solid coated swatch book. When printing in 4 color process the color build for the prescribed green is:

Cyan	100
Magenta	0
Yellow	86
Black	3

When printing in 3 color process the color build for the prescribed green is:

<u>Red</u>	<u>0</u>
<u>Green</u>	<u>161</u>

- (2) “Environmental Performance” is the title of the label. This title must be centered in the top section of green. See Attachment A for font, size and color requirements.
- (3) The phrase “Protect the environment, choose vehicles with higher scores:” must appear under the top section of green. This phrase must be centered with a 9-point gap between the phrase and the top section of green. ~~start exactly 2 picas (0.341 inches) from the left edge of label.~~ See Attachment A for font, size and color requirements.
- (4) “Global Warming Score” is a title that must always appear over its respective scale. This title must start ~~exactly 2 picas (0.341 inches)~~ from the left edge of the label and the bottom of the title must start 8 picas from the top edge of the label. See Attachment A for font, size and color requirements.
- (5) The number for the Global Warming Score is variable and must be centered ~~appear~~ over the block it represents on the global warming scale. The bottom of the number must start 6 points above the block it represents. Scores are determined in ~~section~~ paragraph 3. Global Warming Score. Vehicles certified to Option 1 LEV II NOx standard, pursuant to Title 13, California Code of Regulations, Section 1961(a)(1), are exempt from this requirement. See Attachment A for font, size and color requirements.
- (6) The number 0 1 must appear flush left with and underneath each scale line. ~~on the left most side of the scale it is under.~~ The top of the number must start 4 points below the bottom of the scale line. The number 1 represents the lowest score a vehicle can get on each scale. See Attachment A for font, size and color requirements.
- (7) “Average ~~N~~ew ~~V~~ehicle” must appear as shown in the sample label, under both scales at the center point, ~~which is~~ of the fifth block (or where the fifth block would normally be), and must be marked by a triangle (item 15 in Attachment A). The top of this phrase must start 14 points below the bottom of the scale line. See Attachment A for font, size and color requirements.
- (8) ~~The following~~ This statement must appear as shown in the sample label, in the lower section of green on ~~every~~ the label: “Vehicle emissions are a primary contributor to global warming and smog. Scores are determined by the California Air Resources Board based on this vehicle’s measured emissions. Please visit **www.DriveClean.ca.gov** for more information.” This statement must be left justified and start ~~exactly 2 picas (0.341~~

~~inches~~) from the left edge and the bottom of the phrase must be 9 points above the bottom edge of the label. The third row of text ~~will~~ must end at after the word “visit” and drop down to a fourth line of text to allow room for item 17, the ARB logotype. See Attachment A for font, size and color requirements.

- (9) The words “higher scores:” must be bolded. See Attachment A for font, size and color requirements.
- (10) “Smog Score” is a title that must always appear over its respective scale. ~~It This title shall end exactly 1.5 inches away from the right edge, and shall~~ must be flush left with its scale line, starting 21.75 picas from the left edge of the label and the bottom of the title must start 8 picas from the top edge of the label. See Attachment A for font, size and color requirements.
- (11) The number for the Smog Score is variable and must appear centered over the block it represents on the smog scale. The bottom of the number must start 6 points above the block it represents. Scores are determined in ~~section~~ paragraph 4. Smog Score. See Attachment A for font, size and color requirements.
- (12) Squares on the scales. Each square represents a single ~~point~~ score on the scale and must rest on top of the scale line. For example: If a vehicle scores a 5, on a given scale, there will be five squares to represent that score. The first square must be flush left with the scale line (Attachment A item 13) and the tenth square must be flush right with the scale line, item 13, therefore maintaining a distance of exactly ~~0.042 inches~~ 3 points between squares, even when not all ten squares are present. See Attachment A for size and color requirements.
- (13) The scale line must appear on both scales and must be a consistent length. The left scale line must start 2 picas from the left edge of the label and the bottom of the scale line must be 2 inches below the top edge of the label. The right scale line must end 2 picas from the right edge of the label and the bottom of the scale line must be 2 inches below the top edge of the label. ~~It must always be flush left with its respective title.~~ See Attachment A for font length, stroke and color requirements.
- (14) ~~A~~ The number 10 must appear flush right with and underneath each scale line, with Attachment A item 13 of both scales. The top of the number must start 4 points below the bottom of the scale line. The number 10 represents the highest score a vehicle can get on each scale. See Attachment A for font, size and color requirements.

- (15) An upright equilateral triangle must appear under both scales lines at the center point of the fifth block (or where the fifth block would normally be) on both scales lines representing where the average new vehicle falls on each scale. The top of the triangle must start at, and touch, the bottom of the scale line. See Attachment A for font size and color requirements.
- (16) The title “Cleanest” must appear flush right with and underneath each scale line. The top of the title must start 15 points below the bottom of the scale line, the 10 (Attachment A item 14) on both scales. It This title must always be bold. See Attachment A for font, size and color requirements.
- (17) The California Environmental Protection Agency / Air Resources Board logotype must appear in the lower right hand corner as shown in the sample label, ending exactly 0.3 inches from the right edge. The dividing line must end 18 points from the right edge of the label and the bottom of the line must be 21 points above the bottom edge of the label. The top phrase must be flush left with the dividing line and the bottom phrase must start 4 points beyond the left edge of the dividing line and end 5 points beyond the right end of the dividing line. There must be a 3-point gap above and a 3-point gap below the dividing line and each corresponding phrase. See Attachment A for font, size and color requirements.
- (18) The Drive Clean website (**www.DriveClean.ca.gov**) ~~should~~ must always appear ~~in the Myriad Semi-bold within Item 8.~~ See Appendix Attachment A for font, and size and color requirements, specifications.
- (19) ~~This statement must appear for bi-fueled vehicles: “For bi-fuel vehicles, when using an alternative fuel, scores may improve. See **www.DriveClean.ca.gov**”.~~
- (19) Vehicles capable of operating on more than one fuel must display the following statement: “Using alternative fuels may improve scores. See www.DriveClean.ca.gov”. This statement must be centered with a 9-point gap between the statement and appear just above the bottom section of green. See Attachment A for font, size and color requirements.
- (20) ~~This statement must appear for fuel-flexible vehicles: “For flex-fuel vehicles, when using an alternative fuel, scores may improve. See **www.DriveClean.ca.gov**”.~~
- (21) ~~This statement must appear for dual-fuel vehicles: “For dual-fuel vehicles, when using an alternative fuel, scores may improve. See **www.DriveClean.ca.gov**”.~~

7. Alternate Environmental Performance Label Format Requirements. Detailed printing requirements and a sample alternate label are given in Attachment B of this specification and apply to the label requirements of paragraph 2.(b) of these specifications provisions in this section. Unless otherwise stated, a dimensional tolerance of plus or minus 0.039 inches (1.0 millimeter) ~~shall apply~~ to printer and label feedstock alignment, each individual dimension.

(a) Alternate Environmental Performance labels:

- (1) Must be rectangular in shape with a minimum size of 4.5 inches wide by 2.5 inches high.
- (2) Must be white, outlined with a 3 point green line and have a ~~3056~~ 0.3125 inch high section of green at the top and a 0.667 inch high section of green at the bottom.

(b) Label information. The following item numbers correspond with the table numbers and sample alternate label reference numbers in Attachment B. The information on each label must meet the following requirements:

- (1) The color for the prescribed green as specified in Attachment B is PMS 347 (C or U) selected from the Pantone Formula Guide, Product # GP1201, incorporated by reference, herein. When printing in 4 color process the color build for the prescribed green is:

<u>Cyan</u>	<u>100</u>
<u>Magenta</u>	<u>0</u>
<u>Yellow</u>	<u>86</u>
<u>Black</u>	<u>3</u>

When printing in 3 color process the color build for the prescribed green is:

<u>Red</u>	<u>0</u>
<u>Green</u>	<u>161</u>
<u>Blue</u>	<u>96</u>

- (2) “Environmental Performance” is the title of the label. This title must be centered in the top section of green. See Attachment B for font, size and color requirements.
- (3) The phrase “Protect the environment, choose vehicles with higher scores:” must appear under the top section of green. This phrase must be centered with a 5-point gap between the phrase and the top section

~~of green, starting 1 pica from the left edge of label and ending 1 pica from the right edge. See Attachment B for font, size and color requirements.~~

- (4) “Global Warming Score” is a title that must always appear over its respective scale. This title must start 4 1.5 picas from the left edge and the bottom of the title must start 5 picas from the top edge of the label. See Attachment B for font, size and color requirements.
- (5) The number for the Global Warming Score is variable and must be centered ~~appear~~ over the block it represents on the global warming scale. The bottom of the number must start 4 points above the block it represents. Scores are determined in ~~section~~ paragraph 3. **Global Warming Score**. Vehicles certified to Option 1 LEV II NOx standard, pursuant to Title 13, California Code of Regulations, Section 1961(a)(1), are exempt from this requirement. See Attachment B for font, size and color requirements.
- (6) The number 1 must appear flush left with and underneath each scale line. ~~on the left most side of the scale it is under.~~ The top of the number must start 3 points below the bottom of the scale line. The number 1 represents the lowest score a vehicle can get on each scale. See Attachment B for font, size and color requirements.
- (7) “Average new vehicle” must appear as shown in the sample alternate label, under both scales at the center point of the fifth block (or where the fifth block would normally be), and must be marked by a triangle (item 15 in Attachment B). The top of this phrase must start 10 points below the bottom of the scale line. See Attachment B for font, size and color requirements.
- (8) The following ~~This~~ statement must appear as shown in the sample alternate label, in the lower section of green on ~~every~~ the label: “Vehicle emissions are a primary contributor to global warming and smog. Scores are determined by the California Air Resources Board based on this vehicle’s measured emissions. Please visit **www.DriveClean.ca.gov** for more information.” This statement must be left justified and start 1 pica from the left edge and the bottom of the phrase must be 6 points above the bottom edge of the label. The third row of text must end after the word “visit” and drop down to a fourth line of text to allow room for item 17, the ARB logotype. See Attachment B for font, size and color requirements.
- (9) The words “higher scores:” must be bolded. See Attachment B for font, size and color requirements.

- (10) “Smog Score” is a title that must always appear over its respective scale. This title shall end 5 picas away from the right edge, and shall must be flush left with its scale line, starting 15.67 picas from the left edge of the label and the bottom of the title must start 5 picas from the top edge of the label. See Attachment B for font, size and color requirements.
- (11) The number for the Smog Score is variable and must appear centered over the block it represents on the smog scale. The bottom of the number must start 4 points above the block it represents. Scores are determined in ~~section~~ paragraph 4. **Smog Score**. See Attachment B for font, size and color requirements.
- (12) Squares on the scales. Each square represents a single ~~point~~ score on the scale and must rest on top of the scale line. For example: If a vehicle scores a 5, on a given scale, there will be five squares to represent that score. The first square must be flush left with the scale line (Attachment B, item 13) and the tenth square must be flush right with the scale line ~~item 13~~, therefore maintaining a distance of exactly ~~1.625~~ 2 points between squares, even when not all ten squares are present. See Attachment B for size and color requirements.
- (13) The scale line must appear on both scales and must be a consistent length. The left scale line must start 1.5 picas from the left edge of the label and the bottom of the scale line must be 7.5 picas below the top edge of the label. The right scale line must end 1.5 picas from the right edge of the label and the bottom of the scale line must be 7.5 picas below the top edge of the label. ~~It must always be flush left with its respective title.~~ See Attachment B for length, stroke and color requirements.
- (14) ~~A~~ The number 10 must appear flush right with and underneath each scale line. ~~Attachment B, item 13 of both scales.~~ The top of the number must start 3 points below the bottom of the scale line. The number 10 represents the highest score a vehicle can get on each scale. See Attachment B for font, size and color requirements.
- (15) An upright equilateral triangle must appear under both scales ~~lines~~ at the center point of the fifth block (or where the fifth block would normally be) on both scales ~~lines~~, representing where the average new vehicle falls on each scale. The top of the triangle must start at, and touch, the bottom of the scale line. See Attachment B for size and color requirements.
- (16) The title “Cleanest” must appear flush right with and underneath each scale line. The top of the title must start 12 points below the bottom of the scale line, ~~the 10 (Attachment A item 14) on both scales.~~ This title

must always be bold. See Attachment B for font, size and color requirements.

- (17) The California Environmental Protection Agency / Air Resources Board logotype must appear in the lower right hand corner as shown in the sample alternate label, ~~ending 6 points from the right edge.~~ The dividing line must end 7 points from the right edge of the label and the bottom of the dividing line must be 14 points above the bottom edge of the label. The top phrase must be flush left with the dividing line and the bottom phrase must be flush left with the dividing line. There must be a 2-point gap above and a 2-point gap below the dividing line and each corresponding phrase. See Attachment B for font, size and color requirements.
- (18) The Drive Clean website (**www.DriveClean.ca.gov**) must always appear in the ~~Myriad Semi~~ bold within Item 8. See Attachment B for font, size and color requirements.
- (19) Vehicles capable of operating on more than one fuel must display the following statement: "Using alternative fuels may improve scores. See www.DriveClean.ca.gov". This statement must be centered with a 5-point gap between the statement and ~~appear just above~~ the bottom section of green. See Attachment B for font, size and color requirements.

78. Severability. Each provision of ~~this section~~ these specifications is severable, and in the event that any provision of ~~this section is~~ or part(s) thereof are held to be invalid, the remainder of these specifications remains in full force and effect.

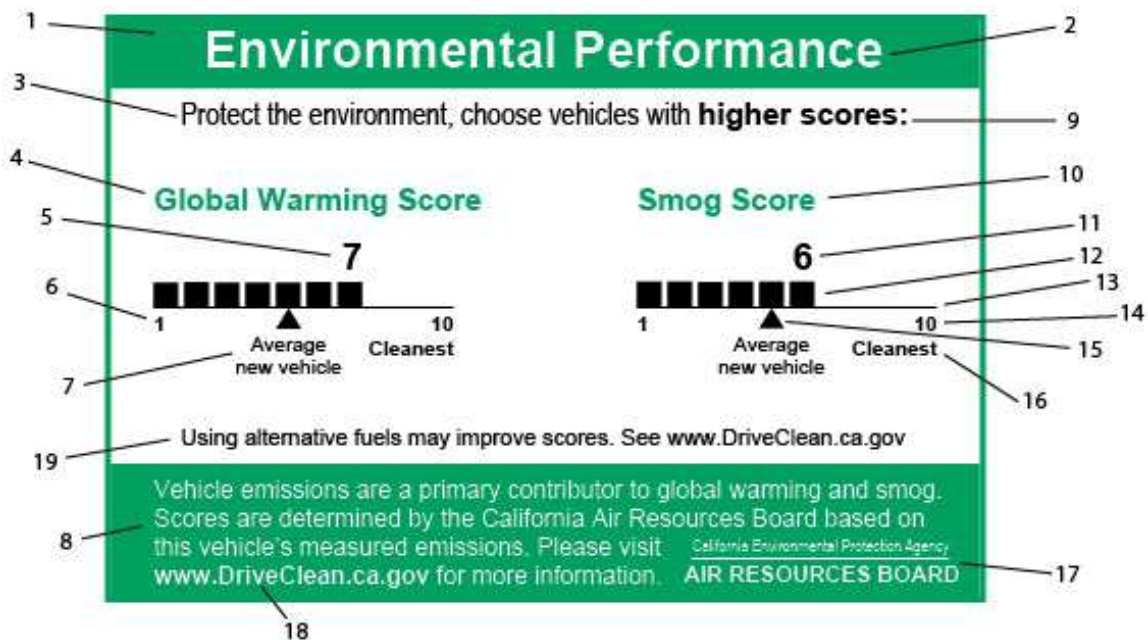
ATTACHMENT A

ENVIRONMENTAL PERFORMANCE LABEL STYLE REQUIREMENTS

1	Label Background 6 x 4 inches whole; top green: 6 x 0.5 inches; Bottom green: 6 x 1 inches; green stroke: 4 <u>3</u> points; Color: PMS 347 (C or U)
2	font: Myriad Pro <u>Arial Bold</u> ; size: 25 points; color: knocked out of green (appears white)
3	font: Myriad Pro Light <u>Arial Narrow</u> ; size: 15 points; color: Black
4, 10	font: Myriad Pro Semi-bold <u>Arial Bold</u> ; size: 14.4 <u>15</u> points; color: PMS 347 (C or U)
5, 11	font: Myriad Pro Semi-bold <u>Arial Bold</u> ; size: 19.2 <u>18</u> points; color: Black
6, 14	font: Myriad Pro Light <u>Arial Bold</u> ; size: 9.6 <u>10</u> points; color: Black
7	font: Myriad Pro Light <u>Arial Regular</u> ; size/leading: 9/10.8 <u>10/12</u> points; color: Black
8	font: Myriad Pro <u>Arial Regular</u> ; size/leading: 11.3/13.5 <u>12/14</u> points; color: knocked out of green (appears white)
9	font: Myriad Pro <u>Semi-bold Arial Bold</u> ; size: 15 points; color: Black
12	size: 0.167 x 0.167 inches <u>12 x 12 points</u> ; color: Black; distance: 0.042 inches <u>3 points</u> apart
13	Scale Line: length: 2.05 inches <u>147 points</u> ; stroke: 1 point; color: Black
15	size: 0.167 x 1.11 inches <u>12 points each side</u> ; color: Black
16	font: Myriad Pro Semi-bold <u>Arial Bold</u> ; size: 10.5 <u>10</u> points; color: Black
17	California Environmental Protection Agency / Air Resources Board logotype: Top Row: font: Myriad Pro Regular <u>Arial Narrow</u> ; size: 7 <u>8</u> points (Title Case) Bottom Row: font: Myriad Pro Regular <u>Arial Bold</u> ; size: 12 <u>11</u> points (All Caps) Line weight: 1 point; <u>length: 126 points</u> Color for all: knocked out of green (appears white)
18	www.DriveClean.ca.gov: Font: Myriad Pro Semi-bold <u>Arial Bold</u> Size: 12 points Color: knocked out of green (appears white)
19	<u>Flex Alternative</u> fuel phrase (variable element): font: Myriad Pro Light <u>Arial Regular</u> ; size: 9/10 <u>11</u> points; color: Black

Note for Commenters: For simplicity in viewing the proposed modifications, the entire label is reproduced here without underline or ~~strikeout~~ or double underline or ~~double strikeout~~ to provide a sample label reflecting the proposed modifications. However, the only items proposed for modification from the original proposal, as noticed for comment on December 7, 2007, were the movement of the phrase "Average new vehicle" noted in 7, the movement of the triangle noted in 15 from just right of block 5 to the middle of block 5, the substitution of the number 1, noted in 6, in lieu of 0 below each scale line, and the alternative fuel phrase as noted in 19. Additional changes as proposed in this notice and subject to comment during this comment period are to the text font style, size and location. The text font proposed is now Arial (was Myriad Pro) and standard font sizes (was fractional) are specified. All other requirements as originally proposed and as noticed for comment on December 7, 2007 remain unchanged.

Sample Environmental Performance Label



ATTACHMENT B

ALTERNATE ENVIRONMENTAL PERFORMANCE LABEL STYLE REQUIREMENTS

<u>1</u>	<u>Label Background 4.5 x 2.5 inches whole; top green: 4.5 x 0.3056 inches; Bottom green: 4.5 x 0.667 inches; green stroke: 3 points; Color: PMS 347 (C or U)</u>
<u>2</u>	<u>font: Myriad Pro <u>Arial Bold</u>; size: 17.5 <u>18</u> points; color: knocked out of green (appears white)</u>
<u>3</u>	<u>font: Myriad Pro Light <u>Arial Narrow</u>; size: 11.75 <u>12</u> points; color: Black</u>
<u>4, 10</u>	<u>font: Myriad Pro Semi-bold <u>Arial Bold</u>; size: 12 points; color: PMS 347 (C or U)</u>
<u>5, 11</u>	<u>font: Myriad Pro Semi-bold <u>Arial Bold</u>; size: 14 <u>13</u> points; color: Black</u>
<u>6, 14</u>	<u>font: Myriad Pro Light <u>Arial Bold</u>; size: 7.5 <u>8</u> points; color: Black</u>
<u>7</u>	<u>font: Myriad Pro Light <u>Arial Regular</u>; size/leading: 7/8 points; color: Black</u>
<u>8</u>	<u>font: Myriad Pro Regular <u>Arial Regular</u>; size/leading: 9.5/11 <u>9/10</u> points; color: knocked out of green (appears white)</u>
<u>9</u>	<u>font: Myriad Pro Semi-bold <u>Arial Bold</u>; size: 11.75 <u>12</u> points; color: Black</u>
<u>12</u>	<u>size: 10 x 10 points; color: Black; distance: 1.625 <u>2</u> points apart</u>
<u>13</u>	<u>Scale Line: length: 1.589 inches <u>118</u> points; stroke: 1 point; color: Black</u>
<u>15</u>	<u>size: 10 points each side; color: Black</u>
<u>16</u>	<u>font: Myriad Pro Semi-bold <u>Arial Bold</u>; size: 8 points; color: Black</u>
<u>17</u>	<u>California Environmental Protection Agency / Air Resources Board logotype: Top Row: font: Myriad Pro Semi-bold Condensed <u>Arial Narrow</u>; size: 10 <u>7</u> points (Title Case) Bottom Row: font: Myriad Pro Regular <u>Arial Bold</u>; size: 12 <u>9</u> points (All Caps) Line weight: 0.7 <u>1.0</u> points; line length: 110 points Color for all: knocked out of green (appears white)</u>
<u>18</u>	<u>www.DriveClean.ca.gov: Font: Myriad Pro Semi-bold <u>Arial Bold</u>; Size/ leading: 9.5/11 <u>9/10</u> points; Color: knocked out of green (appears white)</u>
<u>19</u>	<u>Alternative fuel phrase: font: Myriad Pro Light <u>Arial Regular</u>; size: 7.5 <u>8</u> points; color: Black</u>

Note for Commenters: For simplicity in viewing the proposed modifications, the entire alternate label is reproduced here without underline or ~~strikeout~~ or double underline or ~~double strikeout~~ to provide a sample label reflecting the proposed modifications. This alternate label was first noticed and made available for public comment on December 7, 2007. Changes as proposed in this notice and subject to comment during this comment period are to the text font style, size and location. The text font proposed is now Arial (was Myriad Pro) and standard font sizes (was fractional) are specified. All other requirements as originally proposed and noticed for comment on December 7, 2007 remain unchanged.

Sample
Alternate Environmental Performance Label

