

## List of Proposed Amendments to the Gasoline and Diesel Fuel Regulations.

(This list was prepared for the February 14, 2006 Fuels Workshop.)

- CARB received over 150 suggestions for changes to the gasoline and diesel fuel regulations.
- After considerable evaluation of all the suggestions, staff has decided to proceed with the following amendments.
- If you have any questions regarding this list, please contact Dickman Lum at [dlum@arb.ca.gov](mailto:dlum@arb.ca.gov) or at 916-327-1520.

### **Amendments that apply to both gasoline and diesel fuel regulations.**

1. Significant Figures: Amend the gasoline and diesel fuel regulations so that the numerical limits for fuel parameters are expressed in the same number of significant figures as the referenced test method.
2. Enforcement Protocols: Amend the gasoline and diesel fuel regulations to incorporate common gasoline and diesel fuel enforcement protocols.
3. Importers' Requirements: Where appropriate, adopt procedural type regulations that pertain specifically to the importers of gasoline and diesel fuel.
4. Dates of ASTM Test Methods and Specifications: Where appropriate, amend the references to ASTM test methods specifications so that they cite the most recent versions.
5. Consistency between the diesel and gasoline regulations: Some examples are:
  - a. Amend Section 2282(g)(7) and 2282(h)(2) so that the timing of the notification is consistent with the timing of the notifications required in the gasoline regulations.
  - b. Add a provision [similar to Section 2260(a)(6)(B) of the gasoline regulation] that would permit California diesel fuel to be transported to an out-of-state terminal and then brought back into California to a service station without it being treated as imported diesel fuel.
  - c. Section 2262.3(a) states that “. . . no person shall sell, offer for sale, supply, offer for supply, or transport. . . .” Where appropriate, amend the gasoline and diesel fuel regulations to use identical language. An example where such an amendment is appropriate is in Section 2282(a)(1).
  - d. Where appropriate, amend the definitions listed in the gasoline and diesel fuel regulations to make them consistent with one another.

## **Gasoline regulations**

6. Assigning a DAL Limit: Amend Section 2264(a)(1) by changing the word “may” to “must” to require a producer or importer to report a DAL value for every batch of gasoline when the producer or importer is using the Designated Alternative Limits compliance option.
7. Wintertime Oxygenate: CARB will consider removing the winter-time oxygen requirement in the South Coast area because the area is “in attainment” for CO.
8. Deposit Control Additives: Amend Section 2257(d)(1) to require the producer, importer, or distributor to (when requested by CARB) identify the Executive Order Number of the deposit control additive and the Lowest Additive Concentration (LAC) it is using.
9. California Gasoline: Amend Section 2260(a)(6) by replacing the phrase “ ‘California gasoline’ means:” to the phrase “ ‘California gasoline’ means a gasoline that falls under either of the following categories:”
10. Test Certified: Add a definition to Section 2260(a) stating that “TC” means “Test Certified”.
11. Predictive Model: Add a definition to Section 2260(a) stating that “PM” means “Predictive Model”.
12. California: Add a definition to Section 2260(a) to define “California”.
13. Typographical Error and Clarify the Requirements: Amend Section 2262.9(a)(3)(B) by correcting the equation and clarifying the requirements.
14. Correct a typographical error: Amend Section 2261(b)(3)(B)3. by adding a right-parenthesis to the reference to Section 2261(b)(3)(A).
15. Aromatics Test Method: Request the Monitoring and Laboratory Division of CARB identify an appropriate test method for determining the aromatic hydrocarbon content of high octane gasoline which is often comprised of about 30 v% toluene. Scope of the current aromatics test method does not cover gasoline with that high of concentration of toluene.

## **Diesel Fuel Regulations**

16. Aromatics Testing: Amend Section 2282(f) by eliminating the legal requirement to test unless the producer or importer has chosen to use an averaging compliance option.
17. Typographical Errors or Glitches: Amend the reference to the sulfur test method in the table in Section 2282(h)(1) from "D2262-94" to "D2622-94".
18. Typographical Errors or Glitches: Amend Section 2284(a)(1) by inserting a period at end of heading.

19. Typographical Errors or Glitches: Amend Section 2284&5 by adding “43013” and “43830.8” to references.
20. Typographical Errors or Glitches: Amend Section 2281(f) by changing “2281(g)” to “2281(f)” because of a misnumbering of the subsections.
21. Typographical Errors or Glitches: Amend Section 2282(e)(1) by remove the sentence containing the reference to subsection (a)(4) [which starts on line 12 and ends on line 18] because subsection (a)(4) no longer exists.
22. Typographical Errors or Glitches: Amend Section 2282(e)(5)(B)2 by changing the reference “Section (f)(5)(A)” to “Section (e)(5)(A)” because Section (f)(5)(A) no longer exists.
23. Typographical Errors or Glitches: Amend Section 2282(e)(5)(B)5 by changing the reference “Sections (f)(5)(B)1 through (f)(5)(B)4” to “Sections (e)(5)(B)1 through (e)(5)(B)4” because Sections (f)(5)(B)1 through (f)(5)(B)4 no longer exist.
24. Typographical Errors or Glitches: Amend the second and third paragraphs of Section 2282(g)(1) by changing the reference “Subsection (g)(4)(c)(ii)” to “Subsection (g)(4)(c)2” [in two places] because of a change in numbering convention from ii to 2.

### **RVP Testing Procedure**

25. Absolute Vapor Pressure: Amend Section 2297(g)(1.0) by change the term “total vapor pressure” to “absolute vapor pressure” in the third and fourth sentences because of an error in the wording.
26. 2,3-dimethylbutane: Amend Section 2297(g)(2.0) by changing the values for 2,3-dimethylbutane from “51.1 kPa (1.41 psi)” to “51.7 kPa (7.50 psi)”. In a 2004 inter-laboratory study, the ASTM determined that the value for 2,3-dimethylbutane is 51.7 kPa instead of 51.1 kPa. The original value listed in the regulation is “1.41 psi” and is a typographical error. The correct value is now 7.50 psi. Also change the sentence below the table in Section 2297(g)(2.0) to state: “(The absolute vapor total pressure values cited were obtained from either the Phillips Petroleum Co., Bartlesville, OK, or the Table of Physical Constants, National Gas Producers Association, or the 2004 ASTM Inter-Laboratory Study.)”

### **Alternative Fuels Regulations**

27. Update ASTM Methods D1945 for CNG to D1945-03 and ASTM D2163 for LPG to D2163-91 (Reapproved 1996)