



Linda S. Adams
Secretary for
Environmental Protection

Air Resources Board

Mary D. Nichols, Chairman
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov



Arnold Schwarzenegger
Governor

August 17, 2010

Dear Sir or Madam:

The staff of the California Air Resources Board (ARB) invites you to a public workshop to discuss ARB's regulatory activities regarding California Phase 3 reformulated gasoline (CaRFG3), a proposed ten percent ethanol (E10) certification fuel, and updates to the E85 fuel specification.

The workshop will discuss issues pertaining to amendments being proposed to the CaRFG3 regulations and the proposed E10 certification fuel. Enclosed is a copy of specifications for the proposed E10 certification fuel. Staff will also discuss potential amendments for E85 fuel specifications.

The meeting will be held at the following date, time and location:

Date: Wednesday, September 8, 2010
Time: 1:00 pm to 4:30 pm
Location: Byron Sher Auditorium
Address: Cal/EPA Headquarters Building
1001 "I" Street, 2nd Floor
Sacramento, California 95814

A tentative agenda is also provided as an enclosure. Prior to the workshop, ARB staff may release a final agenda, staff presentations, and a more detailed list of proposed items to be discussed at the workshop. These documents would be available prior to the workshop at the following websites:

Gasoline: <http://www.arb.ca.gov/fuels/gasoline/meeting/2010/mtg2010.htm>
E85: <http://www.arb.ca.gov/fuels/altfuels/e85/meetings/meetings.htm>.

In addition to ARB presentations, there will be an opportunity for questions, comments, and presentations by stakeholders. Following the meeting, stakeholders may submit written comments.

Directions to Cal/EPA headquarters and public transit information can be found at the California Environmental Protection Agencies website at <http://www.calepa.ca.gov/epabldg/location.htm>.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

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If you require a special accommodation or need this document in an alternative format (i.e., Braille, large print) or another language, please contact Mr. Valentine Montoya at (916) 324-0428 or vmontoya@arb.ca.gov, no later than 10 business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

This workshop will be webcast. You may access the webcast at ARB's homepage, <http://www.arb.ca.gov>. For this workshop, we will also accept comments and questions sent via email to Auditorium@calepa.ca.gov. To participate by teleconference, please dial **1-888-989-4415 (for domestic)** and **1-210-234-0083 (for international)**, and give the **Participant Code: 5310217** and **Leader Name: Ms. Renee Littaua**.

We welcome and encourage participation. If you have questions about this workshop, please contact the following:

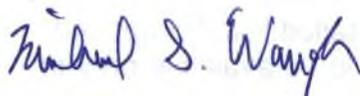
CaRFG3 and E10: Mr. Adrian Cayabyab at (916) 327-1515 or acayabya@arb.ca.gov

E85: Ms. Katrina Sideco at (916) 323-1082 or ksideco@arb.ca.gov

Mr. Jim Peterson at (916) 327-1502 or apeterso@arb.ca.gov.

For overall program questions, please contact me at (916) 322-8263 or Ms. Renee Littaua, Manager, Fuels Section at (916) 322-6019 or rlittaua@arb.ca.gov.

Sincerely,



Michael S. Waugh, Chief
Criteria Pollutants Branch

Enclosure

cc: See next page

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cc: Ms. Renee Littaua
Manager
Fuels Section

Mr. Adrian Cayabyab
Air Resources Engineer
Fuels Section

Ms. Katrina Sideco
Air Resources Engineer
Fuels Section

Mr. Jim Peterson
Air Resources Engineer
Fuels Section

Enclosure 1

September 8, 2010 Workshop

Proposed E10 Certification Fuel

Fuel Property	Limit	Test Method
Octane (R+M)/2 (min)	91	D2699-88, D 2700-88
Sensitivity (min)	7.5	D 2699-88, D 2700-88
Lead, g/gal (max) (No lead added)	0-0.01	Title 13 CCR §2253.4(c)
Distillation Range °F		Title 13 CCR §2263
50 pct. point	205-215	
90 pct. point	310-320	
EP, maximum	390	
Residue, vol% (max)	2.0	
Sulfur, ppm by wt	8-11	Title 13 CCR §2263
Phosphorous, g/gal (max)	0.005	Title 13 CCR §2253.4(c)
RVP, psi	6.9-7.2	Title 13 CCR §2263
Olefins, vol %	4.0-6.0	Title 13 CCR §2263
Total Aromatic Hydrocarbons, vol%	20-22	Title 13 CCR §2263
Benzene, vol %	0.6-0.8	Title 13 CCR §2263
Methyl tertiary-butyl ether, vol % (max)	0.05	Title 13 CCR §2263
Ethanol, vol %	9.8-10.0	
Additives: Sufficient to meet requirements of Title 13, CCR §2257		
Copper Corrosion	No. 1	D 130-88
Gum, Washed, mg/100 ml (max)	3.0	D 381-86
Oxidation Stability, minutes (min)	1000	D 525-88
Specific Gravity	Report	
Heat of Combustion	Report	
Carbon, wt%	Report	
Hydrogen, wt%	Report	

Enclosure 2

California Air Resources Board

Public Workshop to Discuss Amendments to the California Reformulated Gasoline Regulations, a Proposed E10 Certification Fuel, and Updates to the E85 Specification

Wednesday, September 8, 2010

1:00 PM – 4:30 PM

Byron Sher Auditorium

California Environmental Protection Agency

Headquarters Building

1001 "I" Street, 2nd Floor

Sacramento, California 95814

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Tentative Agenda

- I. Introductions
- II. Staff presentation on CaRFG amendments
- III. Discussion on CaRFG amendments
- IV. Staff presentation on proposed E10 certification fuel
- V. Discussion on E10 certification fuel
- VI. Staff Presentation on update to the E85 specifications
- VII. Discussion on E85 specifications