

March 4, 1998

Dear Sir/Madam:

This letter is to inform you of a public workshop to be held to discuss possible changes to the Air Resources Board's (ARB) "California Reformulated Gasoline Regulations" (also known as the "cleaner-burning gasoline" regulations).

In our letter of February 4, 1998, we indicated that we are evaluating potential means to add flexibility in producing gasoline for California and that we would hold a workshop in March. It is envisioned that refiners could use the regulatory flexibility to more easily produce cleaner-burning gasoline. This could allow reduced production costs and more ability to replace oxygenates with other gasoline components while providing equal or greater emission reductions.

The workshop will be held at:

<u>Place</u>	<u>Date & Time</u>
California Energy Commission 1516 Ninth Street Sacramento, California Hearing Room A	March 23, 1998 1:00 to 4:00 p.m.

An agenda is enclosed.

We are asking for comments and suggestions from all interested parties. For your information, the Western States Petroleum Association has made some initial recommendations of potential regulatory changes for our consideration. A summary of their recommendations is included with this letter.

The meeting facility is accessible to persons with disabilities. If accommodation is needed, please contact Ms. Jacqueline Wilson at (916) 327-1493 or TDD (916) 342-9531 or (800) 700-8326 for TDD calls outside the Sacramento area, by March 9, 1998.

Questions about the workshop may be directed to Mr. Richard Vincent at (916) 327-5977.

Sincerely,

Dean C. Simeroth, Chief
Criteria Pollutants Branch

Enclosures.

cc: Ms. Jacqueline Wilson
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Sacramento, California 95814

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For discussion at March 23, 1998, workshop

Potential Changes to "Cleaner-Burning Gasoline" Regulations

suggestions received as of March 3, 1998

Raise the cap limits for certain properties.

- *Aromatic*: from 30 vol% to 40 vol.% *T50* : from 220 F to 235 F
- *Oxygen*: from 2.7 wt.% to 3.5 wt.% *T90*: from 330 F to 345 F
- *Olefins*: from 10 vol.% to 12 vol.%

Add an evaporative emission model to the Predictive Model.

An evaporative model could provide offsets within the Predictive Model (PM) of increased exhaust hydrocarbon emissions from using the higher cap limits described above.

Changes to the Predictive Model for Exhaust Emissions

- Add to the database emission data that have become available since the adoption of the Predictive Models.
- Eliminate or give less weight to data which may have lower quality than other data in the database.
- Use functional forms other than polynomials as model terms
- Lump all data into one regression that would include "tech-group" by fuel-effect terms.
- Re-weight the "Tech 3" and Tech 4" models according to emissions from the current or future on-road fleets

Rescind the requirement for oxygen in winter gasoline for areas that have reached attainment for carbon monoxide.

The above changes would not result in any loss of emission benefits.

State of California
Air Resources Board

Workshop on Possible Changes to the
"Cleaner-Burning Gasoline" Regulations

March 23, 1998

- 1:00 pm Introductions and staff's statement of objectives
- 1:15 Review of suggestions already received
- 1:45 Presentations by attendees (Please sign up at the meeting.)
- 3:15 Open discussion
- 3:45 Final statements

4:00 Staff's closing statement; adjournment