



Linda S. Adams
Secretary for
Environmental Protection

Air Resources Board

Robert F. Sawyer, Ph.D., Chair
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Sacramento, California 95812 • www.arb.ca.gov



Arnold Schwarzenegger
Governor

September 27, 2006

Ms. Gina Grey
Manager Fuels / Manager Southwest Region
Western States Petroleum Association
39023 North Boulder View Drive
Scottsdale, Arizona 85262

Dear Ms. Grey:

Thank you for your recent letter in which you requested that the Air Resources Board allow the use of ASTM D7039-04 as an alternative to the adopted test method, ASTM D5453-93, for the determination of the sulfur content of gasoline and diesel fuel.

We have determined that ASTM D7039-04, "Standard Test Method for Sulfur in Gasoline and Diesel Fuel by Monochromatic Wavelength Dispersive X-ray Fluorescence Spectrometry," provides equivalent results to ASTM D5453-93. The precision of ASTM D7039-04 shows that the method's reproducibility is comparable to or better than that of the adopted method.

Enclosed please find Executive Order No. G-719-022 determining that ASTM D7039-04 is equivalent to ASTM D5453-93 for the method adopted in California Code of Regulations, Title 13, Sections 2263 and 2282, for the determination of sulfur content of gasoline and diesel fuel.

Should you have any questions or need further assistance, please contact Mr. William V. Loscutoff, Chief, Monitoring and Laboratory Division, at (916) 445-3742 or via email at wloscuto@arb.ca.gov.

Sincerely,


Catherine Witherspoon
Executive Officer

Enclosure

cc: See next page.

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

State of California
AIR RESOURCES BOARD

Executive Order G-719-022

Equivalent Test Method for the Determination of the Sulfur Content of Gasoline
and Diesel Fuel

WHEREAS, pursuant to Sections 39600, 39601, 43013, 43013.1, 43018, 43101, and 43830 of the Health and Safety Code, the Air Resources Board has adopted sections 2263 and 2282, title 13, California Code of Regulations (CCR), which sets maximum limits for the sulfur content of California gasoline and diesel fuel, respectively;

WHEREAS, sections 2263 and 2282, title 13, CCR, identify American Society of Testing and Materials (ASTM) D5453-93 as the designated test method for determining compliance with the sulfur specifications;

WHEREAS, sections 2263(c) and 2281(c), title 13, CCR, authorize the Executive Officer to approve the use of a test method different from that specified in the regulation following a determination by the Executive Officer that the other method produces results equivalent to the results with the specified method; and

WHEREAS, I find that ASTM Test Method D7039-04 produces results equivalent to the results obtained with ASTM D5453-93 in the range of 2-100 parts per million.

NOW, THEREFORE, IT IS ORDERED that ASTM D7039-04 is determined to be equivalent to ASTM D5453-93 for the determination of sulfur content, and is hereby approved as an equivalent test method for the determination of sulfur content in gasoline and diesel fuel in the range of 2-100 parts per million pursuant to sections 2263 and 2282.

Executed at Sacramento, California, this 19 day of Sept., 2006.


Catherine Witherspoon
Executive Officer