



**Winston H. Hickox**  
*Secretary for  
Environmental  
Protection*

# Air Resources Board

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**Alan C. Lloyd, Ph.D.**  
**Chairman**

2020 L Street • P.O. Box 2815 • Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



**Gray Davis**  
*Governor*

Dear Sir/Madame:

As you may know, amendments to the gasoline deposit control additive regulation (title 13, section 2257, California Code of Regulations) were approved by the Air Resources Board (ARB) at a public meeting held on September 24, 1998. These amendments were approved by the Office of Administrative Law on May 17, 1999, and became effective on July 16, 1999.

One of the amendments invalidates gasoline certifications that were issued prior to July 1, 1996 (see enclosed section 2257 (a)(1)(i)). Also, certain gasoline certifications issued from July 1, 1996, through July 16, 1999, are no longer valid unless the test results showed that the gasoline formulation met the new more stringent intake valve deposit standard of no more than 50 milligrams per valve. Please be advised that the effective date of this action is immediate. Although these actions are now in effect, a transition period of 60 days from the date of this notice will be allowed to deplete current additive inventories. A list of invalidated gasoline certifications is also enclosed.

Another amendment modifies the gasoline certification requirements to add a vehicle test for combustion chamber deposits (see enclosed section 2257(c)(1)(A)(iii)). This new requirement becomes mandatory for certifications issued on or after July 16, 1999. Those gasoline certifications issued from July 1, 1996 through July 16, 1999, based on test results that showed compliance with all of the then-applicable requirements, and showed that the gasoline formulation met the new more stringent intake valve standard of no more than 50 milligrams per valve, remain effective (section 2257(a)(1)(i)). These gasoline formulations do not need to be re-certified as meeting the new combustion chamber deposit performance standard. All gasoline formulations certified after July 16, 1999, must meet the combustion chamber performance standard as described in subsection (c)(1)(A)(iii).

Sir\Madame

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If you have any questions related to the new provisions or any other questions of the gasoline deposit control additive program, please contact Gary M. Yee, Manager, Industrial Section, at (916) 327-5986, or e-mail at [gyee@arb.ca.gov](mailto:gyee@arb.ca.gov). You may also find a complete copy of the amended regulation at the ARB's website <http://arbis.arb.ca.gov/regact/ccd/ccd.htm>.

Sincerely,

Dean C. Simeroth, Chief  
Criteria Pollutants Branch  
Stationary Source Division

Enclosures

cc: James Morgester, Chief  
Compliance Division

Tom Jennings , Senior Staff Counsel  
Office of Legal Affairs

## LIST OF INVALID GASOLINE CERTIFICATIONS

G-696-001 through G-696-257

G-696-259 through G-696-262

G-696-265

G-696-267 through G-696-276

G-696-310

G-696-312

G-696-316

G-696-321

G-696-327

G-696-334

G-696-336

G-696-338 through G-696-341

G-696-346

G-696-347

G-696-349

G-696-356

G-696-358 through G-696-362

G-696-365

G-696-370

G-696-375

G-696-376

G-696-385

## Excerpts from Section 2257

“(a) Regulatory Standard.

(1) On or after January 1, 1992, no person shall sell, offer for sale, supply, or offer for supply any California gasoline unless at the time of the transaction:

[i] the producer, importer, or distributor of the gasoline has been issued a currently effective certification for California gasoline pursuant to subsection (c), originally dated no earlier than July 1, 1996. Existing certifications dated between July 1, 1996 and July 16, 1999 that meet the standards described in subsection (c)(1)(A)(i) and (c)(1)(A)(ii) [including those which used test method ASTM D 5500-94] are exempted from subsection (c)(1)(A)(iii)...”

“(c) Certification Requirements.

(1)(A) No gasoline formulation shall be certified under this subsection (c) unless the applicant for certification demonstrates each of the following to the executive officer’s satisfaction:

(i) The gasoline formulation meets a maximum of 50 milligrams averaged over all intake valves when tested in accordance with ASTM D 5500-98, which is incorporated herein by reference. As an alternative, intake valve deposits may be tested in accordance with subsection (c)(1)(A)(iii).

(ii) The gasoline formulation does not result in a flow loss of more than five percent for any fuel injector when tested in accordance with ASTM D 5598-95a, which is incorporated herein by reference.

(iii) The gasoline formulation meeting the requirements of (c)(1)(A)(i), does not result in more than 1300 milligrams total deposit weight, averaged over all four combustion chambers, or, does not result in more than 140 percent total deposit weight from all four combustion chambers, relative to the gasoline formulation containing no additive, when tested in accordance with the Stationary Source Division’s Test Method for Evaluating Intake Valve and Combustion Chamber Deposits in Vehicle Engines, dated March 12, 1999, which is incorporated herein by reference. ”