Air Resources Board

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Linda S. Adams
Secretary for
Environmental Protection

Arnold Schwarzenegger
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February 23, 2010

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To:   ALL ON-ROAD HEAVY-DUTY DIESEL ENGINE AND VEHICLE MANUFACTURERS
      ALL OFF-ROAD COMPRESSION IGNITION ENGINE MANUFACTURERS
      ALL OTHER INTERESTED PARTIES

SUBJECT:   Public Workshop to Discuss Engine Durability Demonstration, Service
            Accumulation Cycle, and Exhaust Emission Deterioration Factors for New
            2010 and Later Model Year On-Road Heavy-Duty Diesel Engines and
            Off-Road Compression-Ignition Engines Meeting the Tier-4/Tier-4i
            Certification Standards

The California Air Resources Board (ARB) staff invites you to participate in a public
workshop regarding engine certification requirements related to engine durability
demonstration for 2010 and later model year on-road heavy-duty diesel engines and
off-road compression ignition engines meeting the Tier-4/Tier-4i certification standards.
Engine manufacturers and other interested parties are welcome to provide input.  The
workshop will be held at the following time and location:

  Date:   Wednesday, March 24, 2010
  Time:   10:00 a.m. – 12:00 p.m. (PST)
  Location:  California Air Resources Board
              Annex 4 Auditorium
              9528 Telstar Avenue
              El Monte, CA 91731

The ARB routinely meets with engine manufacturers to discuss engine durability
demonstration programs, such as, running an engine over established service
accumulation cycles to generate a set of family specific deterioration factors (DFs).
During these discussions, staff has noted several reoccurring topics which may warrant
additional agency guidance.  The intent of this workshop is to discuss the various
approaches engine manufacturers are using to meet the certification durability
requirements and to provide general guidance regarding possible compliance paths to
meet future certification.

The workshop topics will include: 1) good engineering approach of an approvable
engine service accumulation process, including minimum requirements for approvable
service accumulation cycles, requisite number of emission test intervals, minimum
number of emission tests and emissions test cycles, and ash-cleaning of the diesel
particulate filter (DPF); 2) emissions data analysis; 3) allowable maintenance for critical
emission related components; 4) unscheduled maintenance procedures; 5) alternative durability procedures to generate DFs for certification and 6) future high-mileage parts as required by the heavy-duty on-board diagnostics (HD-OBD) regulations.

Prior to the workshop, a more detailed workshop agenda and any handouts will be available on the ARB website at http://www.arb.ca.gov/msprog/onroadhd/onroadhd.htm. The meeting will be broadcast through ARB’s GoTo-Meeting for limited remote participation. If you plan to participate through the GoTo-Meeting feature, please contact Ms. Kimberly Pryor at (626) 575-6640 or by e-mail at kpryor@arb.ca.gov. Sign-up for GoTo-Meeting participation will be on a first-come-first-served basis. For participates unable to use Go To-Meeting, a conference call-in number will be available.

If you have a disability-related accommodation need, please go to http://www.arb.ca.gov/html/ada/ada.htm for assistance or contact the ADA (Americans with Disabilities Act) Coordinator at (916) 323-4916. If you need assistance in a language other than English, please contact the Bilingual Coordinator at (916) 322-0473.

Your participation in the workshop is welcome. If you cannot attend, but would like to provide comments, or if you have any questions regarding the workshop, please contact Compression-Ignition and Heavy-Duty Certification section staff Mr. Tom Chang, Staff Air Pollution Specialist, at (626) 575-6809 or by email at ychang@arb.ca.gov or Mr. Babak Pazokifard, Air Resources Engineer at (626) 450-6128 or by email at bpazokif@arb.ca.gov.

Sincerely,

/s/

Annette Hebert, Chief
Mobile Source Operations Division