



Air Resources Board



Linda S. Adams
Acting Secretary for
Environmental Protection

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

Edmund G. Brown Jr.
Governor

June 8, 2011

Dear Sir or Madam:

The California Air Resources Board (ARB or Board) staff invites you to participate in a public consultation meeting to discuss ARB's draft regulatory amendments to the Transport Refrigeration Unit (TRU) Airborne Toxic Control Measure (ATCM). These amendments are in addition to those approved by the Board in November 2010.

At the workshop, staff will present the updated emissions inventory, as well any updates to the emissions, economic, and health risk impacts associated with the potential amendments to the TRU ATCM. Staff will also discuss any changes to amendments since the May 10, 2011 workshop. A draft of the amended regulatory language will be available for discussion.

Staff welcomes comments on the potential amendments and looks forward to your participation at the workshop. For your convenience, a listing of the possible amendments has been posted on ARB's website at:
http://www.arb.ca.gov/diesel/tru/documents/proposed_2011_amendments.pdf.

Workshop Logistics Information

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

Date: Wednesday, June 29, 2011
Time: 10:00 a.m. – 12:00 p.m. (Pacific Time)
Location: Byron Sher Auditorium (2nd floor)
Address: CalEPA Headquarters Building
1001 I Street
Sacramento, California 95814

For directions, transportation options, and parking information for the public workshop, please visit the following webpage: <http://www.calepa.ca.gov/EPABldg/location.htm>. The workshop will also be available through webcast and teleconference. The webcast connection is at: <http://www.calepa.ca.gov/broadcast>. During the webcast, we will accept questions and comments sent via email to auditorium@calepa.ca.gov.

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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Interested parties in the United States and Canada may call toll-free to 1-800-779-1505. Callers from Mexico may call into the toll number 1-212-287-1669. The participant pass code is 55390. The slide presentation, as well as any additional materials, will be available at the workshop and prior to the workshop on ARB's TRU website at: <http://www.arb.ca.gov/diesel/tru/tru.htm>. If you require a special accommodation or need this document in an alternative format (i.e. Braille, large print), or another language, please contact Ms. Linda Keifer at (916) 327-1505 as soon as possible, but no later than ten business days before the workshop. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Background

TRUs are refrigeration systems powered by diesel internal combustion engines designed to control the environment of temperature-sensitive products that are transported in trucks, trailers, shipping containers, and railcars. These units operate at California distribution centers, grocery stores, and other facilities which are often in close proximity to residential neighborhoods. The emissions from these units pose a potential threat to both public health and the environment. In 2004, the TRU Airborne Toxic Control Measure (ATCM) was adopted to reduce diesel particulate matter (PM) emissions from TRU engines. Amendments were adopted by the Board in November 2010.

Further Information

We welcome your participation in development of this control measure amendment. If you have questions regarding this public workshop, please contact Mr. Rod Hill at (916) 327-5636, or via email at rhill@arb.ca.gov; or Mr. Richard Boyd at (916) 322-8285, or via email at rboyd@arb.ca.gov.

Sincerely,



Daniel E. Donohue, Chief
Emissions Assessment Branch
Stationary Source Division

cc: Richard Boyd, Manager
Process Evaluation Section
Rod Hill
Staff Air Pollution Specialist

Potential 2011 Amendments to the TRU ATCM; Last Updated: 6/1/11

The California Air Resources Board (ARB or Board) is evaluating potential amendments to the Transport Refrigeration Unit (TRU) Airborne Toxic Control Measure (ATCM) (title 13, California Code of Regulations, section 2477). Draft regulatory concepts that were discussed at the workshops on March 29, 2011 and May 10, 2011, and will be discussed further at the workshop on June 29, 2011, are listed below. In addition, staff will be discussing the TRU emissions inventory update, and the emissions impacts, and public health impacts related to these potential amendments. Informal comments are requested until the 45-day notice is issued, which begins the formal comment period. The Board hearing on proposed amendments will be in the fall 2011. The potential amendments under discussion are listed below:

1. Evaluate longer operational life for MY 2004 and newer, which must meet ULETRU.
2. Apply longer operational life to MY 2003 and older TRUs' ULETRU compliance date.
3. Extend ULETRU compliance date by one year for those who complied with LETRU by December 31, 2008.
4. Clarify the operational and recordkeeping requirements for hybrid electric/electric standby (E/S), and hybrid cryogenic temperature controlled TRUs to qualify as compliant under the Alternative Technology option.
5. Add requirements for drivers, brokers, freight forwarders, motor carriers, shippers and receivers; the party responsible for arranging perishable goods transport on California highways would be required to contract only with carriers that use compliant TRUs.
6. Clarify compliance by repowering with a cleaner, new, or rebuilt engine.
7. Clarify TRU dealer requirements and allowances for noncompliant equipment.
8. Allow the Executive Officer to extend compliance dates up to one year when compliance technology is unavailable.
9. Add an exemption for obviously non-operational equipment not covered by the dealer exemption.
10. Add an exemption for refrigeration systems not powered by an integral diesel engine.
11. Add an exemption for TRUs that are used during emergencies, as defined.
12. Clarify prohibitions on the sale of noncompliant units.
13. Clarify and streamline requirements for lessors and lessees.
14. Allow the use of the unit manufacture year instead of the engine model year for determining compliance requirements and dates, if certain conditions are met.
15. Add a provision to allow the use of unique equipment identification numbers instead of affixing an ARB Identification Number (IDN), provided certain conditions are met.
16. Add a provision to allow ARB's Executive Officer to delay enforcement for up to four months if financing, delivery, and installation are delayed, under certain conditions.
17. Add a requirement for TRU original equipment manufacturers (OEM) to provide supplemental labels with new prior-tier replacement engines and flexibility engines.
18. Add requirements for TRU OEMs, dealers, and repair shops that sell and/or install TRUs, install replacement engines, and/or install in-use compliance technologies to provide documentation to assist registration in ARBER.
19. Add requirements for engine rebuilders to provide supplemental labels, emissions demonstration to ARB, and documentation to assist registration in ARBER.
20. Clarify registration requirements, consistent with current ARBER screens.

We welcome your participation in developing these control measure amendments. If you have questions regarding the public workshops, please contact Mr. Rod Hill at (916) 327-5636, or via email at rhill@arb.ca.gov; or Mr. Richard Boyd at (916) 322-8285, or via email at rboyd@arb.ca.gov. Additional materials related to the TRU ATCM are available at the TRU Website at: <http://www.arb.ca.gov/diesel/tru/tru.htm>. The TRU Help Line is also available toll-free at 1-888-878-2826 or toll-call at 1-916-323-0561.