

Potential 2011 Amendments to the TRU ATCM

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 first workshop on March 29, 2011, and will be discussed further at the second workshop on May 10, 2011, and third workshop on June 16, 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 ensure that only compliant TRUs are used;
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. Add a low-use exemption for TRUs that operate less than 100 hours per year in California, provided they meet certain conditions;
13. Clarify prohibitions on the sale of noncompliant units;
14. Clarify and streamline requirements for lessors and lessees;
15. 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;
16. 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;
17. 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;
18. Add a requirement for TRU original equipment manufacturers (OEM) to provide supplemental labels with new prior-tier replacement engines and flexibility engines;
19. 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;
20. Add Requirements for engine rebuilders to provide supplemental labels, emissions demonstration to ARB, and documentation to assist registration in ARBER; and
21. Clarify registration requirements, consistent with current ARBER screens.

We welcome your participation in development of this control measure amendment. If you have questions regarding these 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.

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