



Linda S. Adams  
Secretary for  
Environmental Protection

# Air Resources Board

Mary D. Nichols, Chairman  
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Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



Arnold Schwarzenegger  
Governor

June 10, 2010

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 staff's draft regulatory language for amendments to the Transport Refrigeration Unit (TRU) Airborne Toxic Control Measure (ATCM). At the workshop, ARB staff will present draft regulatory language for amendments to the TRU ATCM, including:

- Modifying some in-use performance standards and compliance schedules;
- Adding labeling requirements;
- Modifying reporting, recordkeeping, and monitoring requirements;
- Adding flex engine provisions; and
- Making other changes to clarify and improve implementation of the regulation.

A more detailed listing of the potential changes is provided in Attachment 1 of this notice.

Input is requested from interested parties on these possible changes as well as other suggested improvements. The ongoing input from stakeholders will inform the development of proposed amendments to the TRU ATCM which are expected to be considered by the Board in November 2010.

## Workshop Logistics Information

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

DATE: Thursday, July 8, 2010  
TIME: 10:00 a.m. – 12:00 p.m. (Pacific Time)  
LOCATION: Byron Sher Auditorium (2<sup>nd</sup> 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 [coastalrm@calepa.ca.gov](mailto:coastalrm@calepa.ca.gov). Interested

*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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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 agenda and 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.htm>. If you have a disability-related accommodation need, or if you need assistance in a language other than English, please contact Ms. Linda Keifer at (916) 327-1505 at least seven business days prior to the workshop.

### **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. In 2004, the TRU Airborne Toxic Control Measure (ATCM) was adopted to reduce diesel particulate matter (PM) emissions from TRU engines. 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.

### **Further Information**

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

Sincerely,



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

Enclosure

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

## Attachment 1

### Potential Changes to the TRU ATCM for Discussion at Workshop #2 July 8, 2010

#### Emission Standards

- Change 2010 ULETRU standard for  $\geq 25$  hp engines (engine model year 2003) to LETRU
- Change 2010 and 2011 ULETRU standard for  $< 25$  hp engines (engine model years 2003 and 2004) to LETRU
- Clarify ULETRU standard for  $< 25$  hp engines Tier 4f – highest level VDECS available or alternative technology when 7 years old

#### Compliance Schedule

- Extend LETRU compliance period by 1 year for complying by 12/31/08 (engine model year 2001 and older)
- Extend LETRU compliance period by 1 year for complying by 12/31/09 (engine model year 2002)
- Provide an alternative compliance schedule for low-use TRUs using automated GPS/wireless recordkeeping

#### Sell Thru and Flex Engine Provisions

- Establish the "effective model year" for TRUs where the difference between the model year of the engine and model year of the TRU is no more than 1 year to be the more recent model year
- Establish the "effective model year" for Flex (TPEM) engines installed and registered by 12/31/10 to be the year the engine was manufactured
- Establish the "effective model year" for Flex (TPEM) engines installed and registered after 12/31/10 to be the last year of the Tier standard that the engine is certified to

#### Monitoring, Reporting, Recordkeeping, and Labeling Provisions

- Require OEM to provide unit labels identifying the effective model year
- Require OEM to provide unit and engine data to ARB and purchaser
- Require engine rebuilders to provide supplementary unit labels identifying the effective model year of the unit
- Require engine rebuilders, sellers, and installers to provide unit and engine data to ARB and purchaser
- Add/amend monitoring, recordkeeping, and reporting requirements for electric standby
- Clarify dealer registration requirements

#### Other

- Clarify purchase, transport, and storage requirements for noncompliant units
- Exempt TRUs used during State or federal declared emergencies
- Provide EO authority to grant limited exemptions where complying technology has not been delivered on time or is not available
- Extend compliance responsibilities to brokers, carriers, shippers and receivers
- Clarify existing prohibition on the sale of noncomplying units