

RESEARCH PROPOSALS

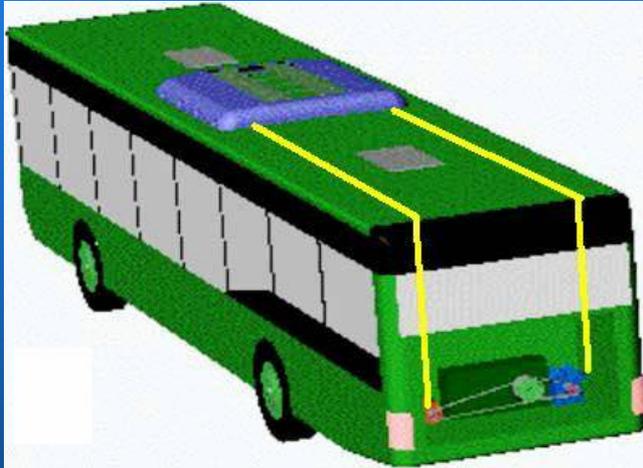
April 26, 2007

California Environmental Protection Agency



Air Resources Board

A/C Refrigerant Emissions from On- and Off-Road Heavy-Duty Vehicles



Eastern Research Group
Rick Baker
\$148,513 (24 months)

Objective: To characterize A/C systems and develop an inventory of refrigerant emissions from on- and off-road heavy-duty vehicles.

Expected Results: A comprehensive profile of A/C system configurations currently in use in the state and the associated emissions of refrigerant.

Impact of Emissions of HFC-134a from Non-Professional Servicing of Motor Vehicle A/C Systems



ARMINES
Denis Clodic
\$126,073 (18 months)

Objective: Identifying emission rates and the mechanisms that lead to those emissions due to non-professional A/C servicing.

Expected Results: Data that will support potential early measures pursuant to our new climate protection law.

Improvements to the Versatile Aerosol Concentration Enrichment System

University of California, Davis
Anthony Wexler
\$29,109 (24 months)

Objective: To construct improvements to VACES that will enable the system to stably concentrate aerosols over a wider range of meteorological conditions.

Expected Results: A stable aerosol concentration system, which will help support future health effects studies.

RECOMMENDATION

**Approve Resolutions 07-11,
07-12 and 07-13**