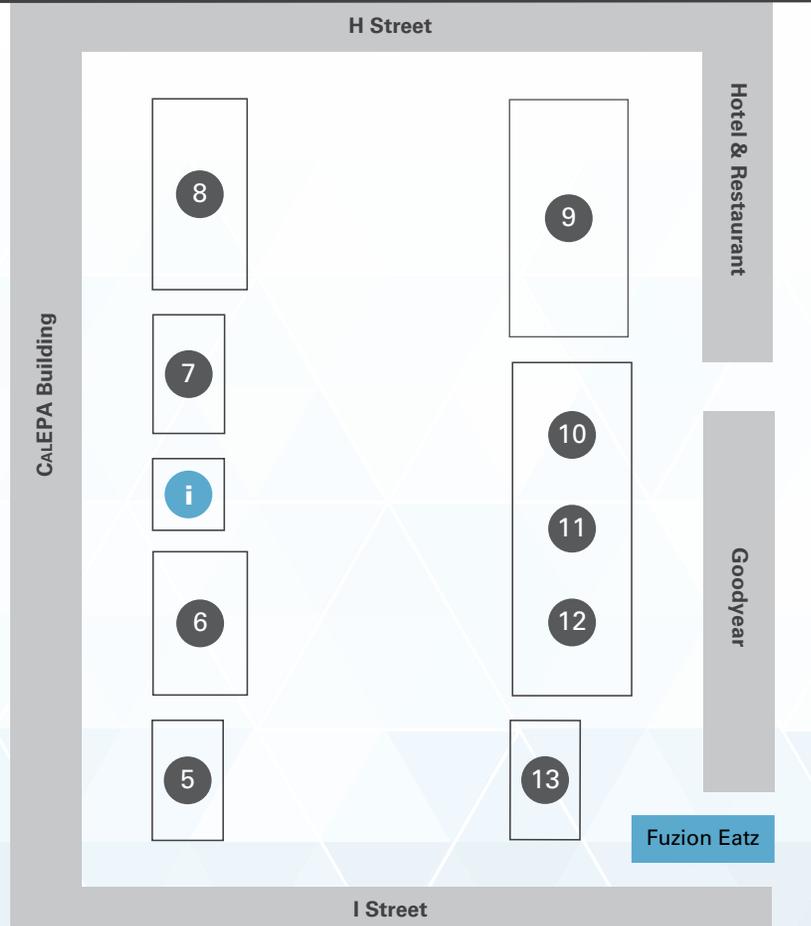


OUTDOOR EXHIBITS

5. Mobile Measurement Platform
Zero Emission Toyota RAV4
6. Motorcycle/ATV Emissions Measurement Tools
7. Light-Duty Passenger Car Equipped with PEMS
Hybrid Chevy Volt
8. Off-Road Construction Equipped with PEMS
9. Mobile Fuels Laboratory
10. Wind Tunnel
11. 2007 Kenworth Truck and Mobile Testing Platform
12. Heavy-Duty OBD Scan Tool
13. Heavy-Duty Vehicle Inspection Program
and Opacity Test Demonstration Area
- i. Information Area



Mobile Source Measurements Showcase

Instruments of Innovation

May 22, 2014, 11AM - 3PM

CALEPA Headquarters, 1001 I Street Sacramento, CA

Welcome to the

Mobile Source Measurements Showcase

INSTRUMENTS OF INNOVATION

Since its founding in 1967, the California Air Resources Board has recognized that effective regulations to reduce motor vehicle emissions require a robust set of measurement tools and programs. In California, motor vehicles are the main source of smog-forming pollution.

In its earliest years, ARB focused on measuring emissions from passenger cars, the most visible source of air pollution. Since then, the agency's mobile source measurement programs have expanded to address emissions from all types of on- and off-road vehicles as well as a much broader range of pollutants. To meet these changing regulatory and programmatic needs, ARB has developed and deployed an ever more sophisticated suite of measurement tools.

On display today are some of the mobile source measurement tools currently being used by ARB to support key program areas including certification and enforcement of vehicle emissions standards, assessment of advanced emissions control technologies, and verification of in-use emissions.

Your journey through 13 exhibits in the Showcase, which include a heavy-duty truck, a front-loader and several off-highway vehicles, will highlight how vehicle emissions testing has evolved from the old paradigm of bringing the vehicle to the laboratory to include a new paradigm of bringing the laboratory to the vehicle.

We hope you enjoy the Showcase and find it interesting and informative.



Dr. Michael T. Benjamin, Chief
Monitoring and Laboratory Division

INDOOR EXHIBITS

1. Personal Exposure Monitors
2. Evolution of Particle Matter Measurement
3. Video Display - Heavy Duty Vehicle Testing
4. Photo Gallery

