
Workshop on Cool Cars Performance-based Option

September 17, 2009

1 – 4 PM

Courtyard Marriott Salon D, 14635 Baldwin Park Towne Center, Baldwin Park CA

Teleconference Line: Contact Irma Ramirez (626-459-4460)

AGENDA

1. Welcome & Introductory Remarks
2. Background
 - Regulatory process, Board hearing outcome, next steps
3. Performance-based Option Description
 - Items to be determined:
 - Equivalency metric
 - Test procedure
 - Certification requirements
 - Durability demonstration
 - Enforcement
 - Need to establish workgroups
4. Participant Presentations
5. Equivalency Metric
 - Temperature based
 - CO₂ based
6. Kick-off Discussion (starting with a straw proposal)

Test procedure

- Heating two vehicle configurations (one with standard glazing and one with glazing as specified in the regulation) and recording the interior temperature.
- Performing the same procedure on the same vehicle model with alternate cooling technologies.

Certification

- Baseline definition.
- Number and types of vehicles to be tested for certification.
- Alternate cooling technologies must be independent of driver action.
- If the alternate technologies result in the same or lower interior temperature as the vehicle with the compliant glazing, it would be submitted to the Executive Officer for approval.

Durability and Enforcement

- Useful life of alternate cooling technologies, including replacement requirements
- OBD for electronics
- Labeling for identification and enforcement (glass versus alternate technologies)