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Workshop on Cool Cars Performance-based Option

September 17, 2009

1 – 4 PM

9528 Telstar Avenue, El Monte California

Annex 3, Conference Room 100

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## **Agenda**

### 1. Welcome & Introductory Remarks

### 2. Board Hearing Summary

- Outcome from hearing
- Next steps in process (timeline for board item and performance standards)

### 3. Performance-based Option Description

- Basis of performance option is demonstration of reduction of internal vehicle temperature taken at “breath-air” level
- Items to be determined:
  - Test procedure
  - Certification requirements
  - Durability demonstration
  - Enforcement
- Need to establish workgroups

### 4. 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)