

June 28, 2005

**DRAFT PROPOSED CONCEPT
AIR RESOURCES BOARD COMPRESSED NATURAL GAS SPECIFICATIONS**

Objective: Provide compliance flexibility in meeting the CNG motor vehicle fuel specifications while ensuring that:

- Existing and new technology engines are protected
- No significant degradation in air quality occurs

Concept: Revise the current CNG motor vehicle fuel specifications with performance and compositional standards that better represent the minimum quality of natural gas needed for motor vehicle use.

Draft Proposed Concept: CNG motor vehicle fuel shall meet the following performance and compositional specifications:

- Methane Number (MN): 80 minimum (statewide)
 73 minimum (regional)^{1, 2}
- Wobbe Index: To be determined (statewide)
 To be determined (regional)¹
- C4+: 1.5 percent (max)
- Inerts: 4 percent (max)
- Other specs based on NGC recommendations/Rule 30

¹ Applies to the counties of San Luis Obispo, Santa Barbara, Ventura, Kings, Fresno, Tulare, and the portion of Kern that is in the San Joaquin Valley air Pollution Control District

² Must meet the following conditions:

- ◆ Used in fleet vehicles that can operate on MN 73 as recommended and documented by the engine manufacturer
- ◆ The fueling station has controls in place that will prevent misfueling.