

AGENDA
INFORMAL GROUP ON GASEOUS FUELLED VEHICLES

13 January 2009
Palais Nations, Geneva
09.30-12.30
Room XI

1. **Welcome**
2. **Review of Agenda & Adoption of the Agenda**
3. **Adoption of the minutes GFV, 30 September 2008** (GFV-03-02)
4. **Review Agenda items for GRPE 57th Meeting (16-17 January 2009)**
 - Informal document R49 on OBD heavy duty (final review)
 - Informal document R115 on NMHC (final review)
5. **Brief presentations**
 - New work items may be presented at this time

WORK ITEMS

6. **On-Board Diagnostics for Heavy Duty Gas Engines**
 - Presentation of the work done by the dedicated, OBD Task Force to adapt Annex 9B of R49 rev.4 to gas engines.
 - Final review Informal proposal to GRPE (January 2009)
7. **Non-Methane Hydrocarbon (NMHC) Regulation: *Draft Amendment to Regulation 115.***
 - Presentation by IANGV;
 - Draft paper on *Rationale for NMHC Regulation*;
 - Final review informal document to amend Regulation 115;
 - Next steps on NMHC discussion.
8. **LPG Reference Fuel (GFV-02-02)**

Possibly a footnote could provide the clarity (balance= 100 – (minus) C3 – (minus) <C3 – (minus) >C4. (Balance issue related to propane/butane composition).
9. **Different Composition of LPG Reference Fuels R83 and R49**

Propose a footnote with a maximum of 15 for Olefins; the Motor Octane Number might be lower (by 0.1), however, this is negligible.
10. **HC Ratio**

The HC density calculated (average of the fuel A and B) for the ratio is equal to 0.651 in Regulation 83; and 0.652 in Regulation 49.
11. **Changes in R115 for LPG (GFV-02-04)**

AEGPL will provide details.

12. Draft Amendment to Regulation 101 – gas fuels (GFV-02-03)

In Regulations 83 and 101 the fuel density is calculated for natural gas for G.20 and G.23, but should be calculated for G25 instead of G23. Use one formula for the two fuels taking an average; or correct the formula done for each fuel A and then B and make the average.

13. Regulation 115 (GFV-02-04)

R115 does not limit the scope of EU Directives and R115 could apply also to Euro 1 & Euro 2 vehicles with an EU approval certificate.

14. LPG/NG Switchover Time from Petrol

The Euro 5 regulation specifies 60 second switchover. Should R115 already now limit the time to 60 seconds?

15. Other Items

16. Next Meeting

17. Closing of the Session

GFV Documents for previous and current sessions are available at:
<http://www.unece.org/trans/main/wp29/wp29wgs/wp29grpe/gfv03.html>