

**Meeting Minutes**  
**INFORMAL GROUP GASEOUS FUELLED VEHICLES (GFV)**  
**3 JUNE 2008**

André Rijnders, Chairman

**1. Welcome**

Mr. Rijnders welcomed all the attendees in Geneva and apologized for the small size of the meeting room hardly matching the strong attendance of stakeholders.

List of attendees: (See Annex 1 at the end of the document)

**2. Adoption of the Agenda**

The agenda of the meeting was approved without modifications.

**3. Adoption of the minutes GFV 13 January 2008**

No comments were made to the minutes of the January meeting.

**4. Review of 55<sup>th</sup> meeting of GRPE**

The chairman recalled to the participants the main discussions which took place during the last GRPE session in January 2008, in particular:

- ✓ The minor changes made by the GRPE secretariat as regards the GFV group chairmanship and secretariat mentions in the mandate;
- ✓ The discussion of the CLEPA proposal ECE/TRANS/WP.29/GRPE/2008/2 together with the informal document GRPE-55-24 amending the formal one. The merged document has been transformed into the formal document ECE/TRANS/WP.29/2008/61 to be presented to the next WP29 session;
- ✓ The discussion of the informal document GRPE 55-20 from AEGPL. It will be reconsidered at the next GRPE session, as well as at the next GFV meeting.

**5. Agenda items GRPE 56<sup>th</sup> Meeting**

**5.1 Agenda item 6e: Proposed Amendment to Regulation 115, (AEGPL)**

The expert from AEGPL explained that no solution has been found to make R115 mandatory for all Contracting Parties. Therefore, the informal document GRPE 55-20 from AEGPL transformed into the formal document ECE/TRANS/WP29/GRPE/2008/04 will be presented during the GRPE session but will not go further in the Geneva process. However, contacts have been initiated with the European Commission in order to make R115 mandatory at least in the European Union. The European Commission stated that a full co-decision process has to be envisioned, but first the arguments for launching this process have to be given by AEGPL.

The chairman of the GFV group is facilitating the AEGPL's contact with the European Commission.

## **6. Work items:**

6.1 Reference fuel specification: deleting wobble index, GFV-01-09 (CLEPA)

No new information was brought to the group. This work item will not be discussed next time.

6.2 Mixed operation; Amendment on mixed operation, GFV-01-10 (CLEPA)

No new information was brought to the group.

→ Clepa and the GFV secretariat will seek for more information from the author of this proposal.

The group expects to discuss this item next time.

6.3 Dual fuel Amendment, GFV-01-11 (NGVA Europe)

The chairman asked Mr. Boisen to bring data to the group and, for the next meeting, to try and obtain OEM support for the proposal.

## **7. New Work Items:**

The expert from Poland, M. Radzimirski, made a presentation (doc reference GFV-02-06) on the 3 first items:

7.1 LPG reference fuel Regulations 49 and 83, GFV-02-02 (Poland)

Mr Radzimirski explained the discrepancies of these regulations regarding:

- Unclear composition of LPG reference fuels (C3-C4 balance) in Regulation 83
- Different composition of the LPG reference fuels B in Regulations 49 and 83 (in particular the different MON numbers)  
→ OICA and AEGPL will contact HDV manufacturers to investigate if this difference is still required.
- H/C ratio different in Regulations 49 and 83.

7.2 Proposal for Draft Amendment to Regulation 101 – gas fuels, GFV-02-03 (Poland)

Due to the removal, for unknown reasons, of a provision present in par. 5.2.4. at the time the regulation 101 Revision 2 was issued, it is now unclear whether one or two reference fuels must be used.

→ AEGPL will seek for information from Mr Hubert regarding the lost paragraph between revision 1 and revision 2.

M.Radzimirski recalled that this is very important to solve this issue as many regulations are ongoing at European and national level. A new paragraph and formulae have been proposed to the group.

7.3 Proposals for Draft Amendment and Comments to Regulation 115 ,GFV-02-04 (Poland)

Experiences with the application of Regulation 115 in Poland (several type approvals granted) have proved that it has many defects and needs amending. It is required, in particular:

- to clarify the scope of application,  
→ AEGPL and M.Radzimirski will present a proposal at the next GFV meeting
- to delete the concept of “non-intrusive” retrofit systems,
- to adapt to technical progress and to correct provisions for vehicles of M2, M3, N2, N3 categories,
- to correct a huge number of errors, unclear provisions etc. leading to misinterpretation.

The expert from AEGPL presented a PowerPoint presentation replying to the deletion of non-intrusive concept (doc reference GFV-02-06).

7.4 Non-methane Hydrocarbon (NMHC) – Total Hydrocarbon (THC) emission limit applicable to retrofit vehicles R115, (ENI GAS & POWER)

M.Cagnolati presented the document reference GFV-02-05.

Germany explained that the proposal needs more consideration from their side, as it could result in a major political assessment. Poland and Italy stated that a solution has to be found in order to allow the retrofitting of petrol cars to NG for the latest models.

The European Commission expressed some concerns as regards to the practicability of the proposed change in the current regulatory framework.

The chairman of the GFV group is facilitating the NGV industry's contact with the European Commission.

## **8. Conclusions and next steps**

The Chairman explained that proposals under agenda item 7 will be discussed in greater depth at the next meeting. Mr Rijnders also reminded the participants that a PowerPoint presentation should support the proposals in order to ease the process within this group. He thanked Mr Radzimirski for having done so.

The Chairman stated that he also will report to the GRPE on Thursday 5 June on the today's discussion.

## **9. Next meetings**

The chairman proposed to hold an intermediate meeting in Brussels, at the CLEPA offices on Tuesday 30 September 2008, from 9.30 am to 5 pm.

The group will also propose to hold a half day meeting in Geneva during the next GRPE session in January 2009.

## ANNEX 1

The Netherlands (RDW)	Mr. Rijnders
AEGPL	Mr. Duvielguerbigny (Co-secretariat GFV)
European Commission	Mr. Laguna Gomez, DG Enterprise and Industry
Poland (ITS)	Mr. Radzimirski
Italy	Mr. Erario
Fed. Ministry Transport	Mr. Kwanten
India (ARAI)	Mr. Chaudhari
Germany (BMVBS)	Mr. Redmann
Hungary (KTI)	Mr. Polak
Romania (automotive register)	Mr. Rosca
Romania (automotive register)	Ms. Buzgam
Russian Federation	Mr. Sokolov
Russian Federation	Mr. Sayslolyum
TNO	Mr. Dekker
TUV Nord	Mr. Matakko
AEGPL (Assogasliquididi)	Mr. Piccolo
Landi Renzo (NGV systems)	Mr. Cagnolati
NGVA Europe	Mr. Boisen
ISO	Mr. Bassi
FIA	Mr. Van West
CLEPA	Mr. Laurent
CLEPA (VDO Automotive)	Mr. Henke
AECC	Mr. May
OICA	Mr. Showler
OICA	Mr. Behrens
OICA	Ms. Laura
Japan (JASIC)	Ms. Toba
Japan (JASIC)	Mr. Inomata
Korea Automotive Testing and Research Institute (KATRI)	Mr. Park
Korea Automotive Technology Institute (KATECH)	Mr. Park
Dekra Automobil Czech	Mr. Woitsch,