

UNECE/GRPE
Informal WG on Environmental and
Propulsion Performance
Requirements for L-category
Vehicles (EPPR)

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Draft Agenda

1. Welcome and introduction
2. Adoption of draft agenda
3. EPPR Study (European Commission)
 1. Stakeholder consultation
 2. Status stocktaking of regional legislation
 3. Contributions from contracting parties
4. Review and acceptance of EPPR mandate
5. Review ToR and RoP
6. Roadmap
7. Establish first working prioritised and methodology
8. A.O.B.
9. Concluding remarks and closing

EPPR-Background

- Initiative by European Union to set up IWG regarding Environmental and Propulsion Performance Req for L-cat vehicles
- Initiative was announced in GRPE in January and June 2012 and WP29 in June 2012
- Agreement by WP29 Nov 2012 to establish IWG
- 1st IWG meeting Geneva 18th January 2013
- Work to be finalised by 2016

Report of the World Forum for Harmonization of Vehicle Regulations on its 158th session, November 2012 (agenda item 8.13)

- The representative of the EU introduced WP.29-158-15, containing a proposal for setting up, under GRPE, of an informal working group on Environmental and Propulsion Performance Requirements (EPPR) for L-category vehicles. **The World Forum endorsed the proposal to establish the informal working group, with a mandate up to November 2016**, under the chairmanship of Mr. P. Asman (Sweden) and with secretariat services provided by IMMA. **The World Forum also agreed to confirm this decision with the approval of the mandate document at its next session**, following the meeting of the group during the January 2013 session of GRPE

Approach for the work

- Exchange information on current and future regulatory requirements in the area of environmental and propulsion performance requirements for L-category vehicles,
- Minimize the differences between these regulatory requirements, with a view toward facilitating the development of L-category vehicles to comply with such international requirements;
- Where possible, develop common requirements in the form of one or more UN Regulations and one or more UN Global Technical Regulations (UN GTR).

Approach for the work

- The IWG should work under both the 1958 and 1998 Agreements to create the basis for the possible development of Regulations and GTRs in the area of EPPR.
- All global partners are invited to join the group and share experiences regarding setting relevant regulatory requirements as well as from the market.
- Minimize the differences between these regulatory requirements, with a view toward facilitating the development of L-category vehicles to comply with such international requirements;

Objective for EPPR

- To seek regulatory convergence in the area of EPPR for vehicles equipped with conventional combustion engine technology as well as pure electric and hybrid electric vehicles or other advanced propulsion technology on a global scale, via the framework of the 1958 and 1998 Agreements.

Proposal of main areas of work

- The main activities are proposed to be focussing on revising or establishing the following test types:
 - Type I: Tailpipe emissions test after cold start;
 - Type II: Tailpipe emissions test at (increased) idle / free acceleration test;
 - Type III: Emission test of crankcase gases;
 - Type IV: Evaporative emissions test;
 - Type V: Durability testing of pollution control devices;
 - Type VI: Test type not attributed;
 - Type VII: Measurement of CO₂ emissions, fuel consumption, electric energy consumption and electric range determination;
 - Type VIII: On-board diagnostics environmental verification tests.
- Unified rules and test procedures to measure power and torque for propulsion technologies fitted on L-category vehicles
- unified measurement of maximum design vehicle speed and/or power for restricted L-category vehicles should be developed and agreed upon.

Draft Timeline

- **November 2012: 158th session of WP.29 – agreement on establishment of informal working group by adoption of the mandate regarding environmental and propulsion performance requirements for L-category vehicles.**
- **January 2013: .GRPE (65th session) 1st meeting of the L-EPPR informal working group. Review and adoption of the Rules of Procedure and Terms of Reference.**
- **March 2013: 159th session of WP.29 - progress report and adoption of the Rules of Procedure and Terms of Reference.**
- **June 2013: .GRPE (66th session) meeting of the L-EPPR informal working group. Presentation of draft final roadmap and related programme management items to GRPE submitted for adoption.**
- **November 2013: 158th session of WP.29, adoption of GRPE decision regarding the final roadmap and related programme management items.**
- **2013-2016: meetings of the working group, regularly reporting to GRPE and the Administrative Committee**
- **2016: possible adoption of UN Regulation(s) and Global Technical Regulation(s)**

Objective for GRPE in June

- To between now and June develop and agree on the scope and priorities of the IWG
- Based on the scope and priorities develop a detailed road map for the work
- Submit ToR including scope and time line and road map to be adopted by GRPE

Proposal for meeting structure

- Halfday meetings in conjunction with GRPE in January and June
- Between GRPE meetings 2-3 day working meetings (March and October timeframe) in altering locations
- Ad hoc phone/web meetings based on subject and need

Proposal for next meetings

- 2nd meeting proposed for week of 22 April in Brussels (hosted by European Commission)
- 3rd meeting in conjunction with GRPE in Geneva on 7 June 2013 (To be confirmed)
- 4th meeting October/November 2013 (location and date to be confirmed)
- 5th meeting in conjunction with GRPE in Geneva in January 2014