

**Extension of the scope of the mandate to the GRPE Informal Group on Heavy-Duty Hybrids
for the alignment between gtr n° 4 and gtr n° 11**

Through the endorsement of document ECE/TRANS/WP.29/AC.3/29, WP.29 provided to GRPE, in the 153rd session taking place from 8th to 11th March 2011, with the authorization for the development of either amendments to gtr n°4 adding a new emission test procedure for heavy-duty hybrid vehicles (HDH's) or a new gtr.

In response to the WP.29 authorization, and after three years of work, the Informal Group on Heavy-duty Hybrids presented to GRPE, in its 68th session (7-10 January 2014), an informal document amending gtr n°4 (GRPE-68-12), for the introduction of technical provisions on HDH's. This document will be presented to GRPE as working document in June, and if endorsed by the latter, to WP.29 in November for final adoption.

In the January session, GRPE also endorsed the proposal from the Informal Group on HDH's on the extension of the scope of the document ECE/TRANS/WP.29/AC.3/29, for aligning a number of technical provisions in gtr n°4 and gtr n°11.

The alignment between the gtrs was specifically requested by the USA (since gtr n° 11 is largely based on the US CFR Part 1065), when the two gtrs were adopted. However, when adopting gtr n° 11 and amendment 1 to gtr n° 4, it was not possible to fully align the technical provisions of the two gtrs. AC.3 members requested then the alignment to be done at a later stage. The main aspects refer to dynamometer specification, gas drying, gas dividers, leak check, interference effects and calibration of the CVS (Constant Volume Sampling) system.

Although the alignment does not refer to HDH's, it has nevertheless been considered by GRPE that the amendment 3 to gtr n°4 for the introduction of technical provisions on HDH's constitutes a good opportunity for incorporating the former at the same time.

The intention of the Informal Group on HDH's is that GRPE is endorses, in the June session, the working document gathering the amendments to gtr n°4 corresponding to HDH's, as well as an informal document including both, some missing provisions relative to hybrid vehicles that the Informal Group on HDH's did not have time to complete and include in the document GRPE-68-12, as well as the provisions for the alignment of the two gtr's.

In order to allow the presentation in GRPE of the informal document as laid out in the paragraph above, the EC requests from WP.29 the needed authorization for the extension of the scope of the document ECE/TRANS/WP.29/AC.3/29.