

**REPORT ON THE 19<sup>th</sup> MEETING OF THE GRPE WORKING GROUP ON THE  
WORLDWIDE HEAVY DUTY CERTIFICATION PROCEDURE (WHDC)**

Draft gtr on world-wide harmonized heavy-duty certification (WHDC)

The WHDC working group held its 19<sup>th</sup> meeting on 07 June 2006 in Geneva. Three presentations were given by

- WHDC secretary on the key elements of the draft gtr
- EPA on the first test results with an SCR system on the WHDC and FTP cycles
- TÜV Nord on the final results of the gas engine validation study

The expert from EPA concluded that EPA is currently not in the position to accept the compromise proposal of a 10 minutes soak period.

The expert from TÜV Nord concluded that

- the WHDC gtr is applicable for gas engines without any further changes
- there is no need for changing the cycle validation criteria
- there is no need for introducing signal dispersion requirements in addition to the time alignment procedure already included in the gtr

Based on the above conclusions and input from WHDC members during the meeting, WHDC chairman and secretary would like to propose GRPE to approve the two documents ECE/TRANS/WP.29/GRPE/2006/17 and ECE/TRANS/WP.29/GRPE/2006/15 for submission to the WP.29 session in November 2006 with the following changes:

- add CVS proportionality requirement of  $\pm 2.5$  % in paragraph 8.4 (missing by mistake)
- add  $\pm 1$  minute time band to the hot soak period (missing by mistake), since this will have no influence on the test result

WHDC members agree that any efforts should still be made to harmonize the following elements:

- hot soak period
- cold start weighting factor
- PM filter material and size

Therefore, GRPE is asked to approve further negotiations on harmonizing the above elements before the November WP.29 meeting.

Furthermore, GRPE is asked to approve any editorial changes that the secretariat will introduce based on the gtr final proofread.

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