

# **Worldwide harmonized Motorcycle emission Test Cycle (WMTC)**

## Status report

1. WMTC Inf Gr meeting on 13/14 Sept 2010
2. Technical Report (ECE/TRANS/WP.29/2009/133)
3. Corrigenda related to gearshift  
(ECE/TRANS/WP.29/GRPE/2011/7)
4. Amendment related to performance requirements  
(ECE/TRANS/WP.29/GRPE/2011/4)

# WMTC Inf Gr meeting on 13/14 Sept 2010

- Hosted by EC in Brussels
- Key WMTC Inf Gr members discussed and agreed outline for most appropriate combination of principal and alternative performance requirements with corresponding reference fuel specification
- Continued bilateral discussions on gearshift prescriptions
- Drafting group prepared 2 draft official documents for review and comment by WMTC Inf Gr prior to submission to GRPE
- Identification of durability, evaporative emission, ... as items for future consideration (phase 3)

Note: Final meeting report circulated to WMTC Inf Gr members

# Technical Report

## (ECE/TRANS/WP.29/2009/133)

- Considered by WMTC Inf Gr as still sufficient and appropriate to accompany the proposed sets of performance requirements

<http://www.unece.org/trans/doc/2009/wp29/ECE-TRANS-WP29-2009-133e.pdf>

# Corrigenda related to gearshift (ECE/TRANS/WP.29/GRPE/2011/7)

- Corrections related to
  - Upshift speed equation/formula
  - Rounding of shift speed calculation results
  - Clarifications of gearshift modification rules (with examples)

<http://www.unece.org/trans/doc/2011/wp29grpe/ECE-TRANS-WP29-GRPE-2011-07e.pdf>

# Amendment on performance requirements (ECE/TRANS/WP.29/GRPE/2011/4)

- Performance requirements
  - Japanese limits as principal limits
  - 3 sets of alternatives limits (Euro 3; Indian and US)
- Reference fuel
  - Existing WMTC reference fuel as default for principal limits with option to use Japanese reference fuel (or other reference fuel with demonstrated equivalence in terms of emissions)
  - Existing WMTC reference fuel also linked to Indian and Euro 3 alternative limits
  - US reference fuel linked to US alternative limits