

Proposals for amendments to the proposal of WMTC GTR

(Transmitted by Chinese Delegation)

1. Introduction

A workshop on Worldwide Harmonized Motorcycle Emissions Certification Procedure (WMTC) was held by National Development and Reform Commission of China on February 21, 2005 in Tianjin. At this meeting, the document of TRANS/WP.29/2004/68 (UNIFORM PROVISIONS CONCERNING THE MEASUREMENT PROCEDURE FOR MOTORCYCLES EQUIPPED WITH A POSITIVE – OR COMPRESSION IGNITION ENGINE WITH REGARD TO THE EMISSION OF GASEOUS POLLUTANTS, CO₂ EMISSIONS AND FUEL CONSUMPTION BY THE ENGINE) issued by World Forum for Harmonization of Vehicle Regulations (WP29) was discussed, and the results of over one hundred tests on motorcycles conducted by Tianjin Motorcycle Quality Supervisory & Testing Institute and Shanghai Motorcycle Quality Supervisory & Testing Institute were also introduced. It came to the conclusion that this WMTC GTR can be adopted in China with some reasonable adjustment to the facilities and human resources.

2. Proposal for amendments

On the basis of deep discussion, Chinese delegation provides following proposals for amendments to the proposed WMTC GTR at this meeting:

2.1. About the reference fuel

It is suggested that the original prescription of paragraph 6.3 “The appropriate reference fuels as defined in Annex 10 to UNECE Regulation No. 83 must be used for testing” shall be amended as “The specification of the reference fuel may be set by each contracting party according to their own conditions.”

(Reason: The reference fuels as defined in Annex 10 to UNECE Regulation No. 83 is not available in some contracting parties, including China.)

2.2. About the gas-collection device (open type device and closed type device)

It is suggested that the original prescription of paragraph 6.4.3.1 “The gas-collection device shall be a closed type device that can collect all exhaust gases at the motorcycle exhaust outlet(s) on condition that it satisfies the backpressure condition of ± 125 mm H₂O. An open system may be used as well if it is confirmed that all the exhaust gases are collected” shall be amended as “An open type system can be used if it is confirmed by principle that all the exhaust gases are collected, and a closed type system can also be used if it can collect all exhaust gases at the motorcycle exhaust outlet(s) on condition that it satisfies the backpressure condition of ± 125 mm H₂O”.

Meanwhile, in order to avoid misunderstanding, it is suggested that the original text of paragraph 6.4.3, Note 2 shall be deleted.

(Reason: There is no sufficient data to certify that open type devices surely have the gas leakage risks.)
