

Report to WP.29 about results of the 21st, 22^d and 23^d meetings of the Informal Working Group on Periodical Technical Inspections

The 21st and 22^d IWG on PTI meetings were arranged with support of the International Motor Vehicle Inspection Committee (CITA) and held on April, 22, May, 17, and June, 9, 2021 in the form of virtual participation.

I. Organization of the IWG on PTI work

At its 183 session WP.29 approved the request of the Co-Chairs for extension of the mandate of the IWG on PTI until March 2022 and invited the IWG to deliver revised Terms of Reference (ECE/TRANS/WP.29/1157, para 110). The group developed and agreed the new ToR and submitted it to the WP.29 for approval.

II. In-service compliance assessment

The group completed the development and submitted to the WP.29 for approval the framework document on vehicle whole-life compliance. The document contains definitions, safety and environmental vision, working principles, whole-life compliance principles and approach.

This framework document's primary purpose is to provide guidance for WP.29 and its subsidiary bodies to coordinate the different stages of the legal life of vehicles, equipment and parts. The whole of the various aspects related to the requirements to vehicles is called whole-life compliance. The level of safety and environmental performance may vary at different stages of whole life compliance.

The group expresses the gratitude to all stakeholders for their inputs and collaboration.

III. Measures to detect tampering

Following the guidance of the WP.29 made at its 180 session the Netherlands presented to the GRPE the results of the collaboration of various countries, organizations and companies on a particulate test for the PTI. There are test method for the PTI (fast, robust, inexpensive, easy to perform under all conditions and reproducible), limit values, instrument for the PTI and estimation of correlation between PM and PN.

The tests will be introduced in the Netherlands and Belgium on 1 July 2021 and in Germany on 1 January 2023.

GRPE expressed interest in these technological developments and invited the IWG to discuss the developments in this field of PN measurement on their platform.

The IWG on PTI reported that draft proposal of Rule 1 modification and the WP.29 recommendation on application of PN measurement methods were developed.

GRPE supposes that a new resolution could be made for the test procedure. This can then be used by countries that are interested in it. The limit values and test method can then be described in this resolution.

The proposal for an amendment to Rule 1 could be discussed in the GRPE in January, 2022.

The IWG on PTI decided to continue the elaboration of the proposal for PN measurement in PTI to be discussed at GRPE sessions and ask the WP.29 guidance for the further cooperation with GRPE.

The group continues the development of proposals on tampering management.

IV. Guidance for road-side technical inspections and enforcement

The World Forum approved the two documents ECE/TRANS/WP.29/2019/120 and WP.29-182-13 amending Resolution R.E.6 on requirements for testing equipment, for skills and training of inspectors and for supervision of test centres at its the 182-d session. The draft Guidance for road-side technical inspections shall be submitted to AC.4 for voting.