OBD2CG-18-03

**EPPR IWG Chair: withdrawal of chair’s proposal for an alternative method**

**to Japan’s OBD2CG-18-01 on OBD2 Catalyst Monitoring**

1. **Background**

During the 35th meeting of the EPPR IWG, the chair made a verbal proposal for an alternative method to the proposal by Japan (OBD2CG-18-01) to tackle the need to reduce the possibility of tampering with the gas exhaust aftertreatment system. The tampering was one of the reasons for catalyst monitoring in GTR 18 (amendment 1).

1. **Proposal**

The proposal was to add a new paragraph to GRPE/2019/17 as follows:

*“Alternative measures:*

*The measurement of heat developed in the catalyst shall be monitored such that it is clear that a properly loaded catalyst is present within the muffler.  This may be done with thermocouples or RTDs.”*

1. **Withdrawal**

After reviewing in details the purpose, the scope and application (§1 and §2) of GTR 18, the chair considers that the proposal is not in line with the purpose of the GTR 18 and has therefore decided to withdraw the proposal.

1. **Justification**

Some members of the IWG (European Commission, The Netherlands and The United Kingdom) expressed in the meeting that the proposal made by Japan was not in line with the scope and objectives of GTR 18 and that it seemed more appropriate to include the Japanese approach within either an In-Service Conformity (ISC) or a Periodic Technical Inspection (PTI) regulation.

After examining closely the text of the GTR 18, the chair has reached the conclusion that the adoption of the chair’s proposed alternative as anti-tampering option suffers of the same shortcoming as the Japanese proposal; i.e. it might be more appropriate within an ISC and/or a PTI regulation, as it is not in line with the scope of the regulation.

The measuring of the heat developed in the catalyst for monitoring malfunctions of the catalytic converter might be a valid proposal but it needs further development. As for instance, it would need to introduce the monitoring of the deterioration of the temperature sensors (equivalent to § 5.3.4.3. “Oxygen sensor deterioration”). At the present state of the development of Amendment 1 to GTR 18 there is no time to do so, unless the IWG would like to delay the process of GTR 18 approval by the WP.29/AC.3.

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