

Transmitted by the expert from Italy

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Agenda item 5.1)

**Proposal for amendment to Regulation No.120**

(APPROVAL OF INTERNAL COMBUSTION ENGINES TO BE INSTALLED IN AGRICULTURAL AND FORESTRY TRACTORS AND IN NON-ROAD MOBILE MACHINERY, WITH REGARD TO THE MEASUREMENT OF THE NET POWER, NET TORQUE AND SPECIFIC FUEL CONSUMPTION)

**Submitted by the Expert from Italy**

During the 59<sup>th</sup> session of GRPE it was proposed to amend Regulation No. 120 in order to take into account the evolution of the reference fuel due to the implementation of successively more stringent limits on exhaust emissions from agricultural tractors and non-road mobile machinery engines.

In parallel, the experts were invited to submit further proposals if deemed necessary.

Examining the different aspects of amendment, it appears that the vast majority is a consequence of the adoption of gtr No. 11 and its adoption in Regulation No. 96.

As work on both subjects is being proposed during this session, no document has been produced and it is suggested that these activities will advance in parallel.

At the same time it would be important to draw the attention of the experts of GRPE and the Technical Bodies involved, that one of the principles of Regulation No. 120 is to be aligned and almost integrated with the requirements of Regulation No. 96 and the equivalent EU NRMM engines exhaust emission legislation. Divergence of test fuel features might lead to double testing, even with a fuel incompatible with the engine exhaust emission control technologies.

Therefore, it is proposed to GRPE experts, pending the amendment to Regulation No. 120, to allow the use for this approval of the same fuel as adopted for exhaust emission approvals (Regulation No. 96).

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