

Submitted by the expert  
from the European Commission

Informal document **GRPE-76-15**  
76th GRPE, 9-12 January 2018  
Agenda item 6(a)

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# Adaptation process of UNECE Regulations 96, 120 & 132 *Status*

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*GRPE 76<sup>th</sup> Session*

*11 January, 2018*

# UN ECE Regulation 96

- UNECE Regulation 96:  
Uniform provisions concerning the approval of compression ignition (C.I.) engines to be installed in agricultural and forestry tractors and in non-road mobile machinery with regard to the emissions of pollutants by the engine
- Regulation (EU) 2016/1628:
  - ✓ approvals in accordance with UNECE Regulation 96 are accepted as equivalent to EU type-approvals
  - ✓ both legal frameworks should have the same level of stringency in order to avoid creating a legal loophole.

# UN ECE Regulation 96

- The working document for a new 05 series of amendments to Regulation No. 96 is discussed in this Session of the GRPE <http://www.unece.org/fileadmin/DAM/trans/doc/2017/wp29grpe/ECE-TRANS-WP29-GRPE-2018-03e.pdf>
  - In parallel we submit an informal document modifying the one above to:
    - correct the provision allowing contracting parties to require in-service monitoring of engines by explicitly excluding its application from the scope of the Regulation.
    - address editorial changes.
- **Goal: GRPE approval in this session and the WP29 (in June).**

# Regulation No. 120 - background

- UNECE Regulation No. 120

Uniform provisions concerning the 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.

- It addresses the need for alignment of Regulation No.120 to: Regulation No. 96 05 series of amendments (ECE/TRANS/WP.29/GRPE/2018/3)

# Regulation No. 120

- Informal document proposing a “02 series of amendments to Regulation No. 120”
  - It has been developed in accordance with the mandate given by the GRPE during its 74th Session in January 2017 (ECE/TRANS/WP.29/GRPE/74).
  - This draft document includes all the technical aspects required for engines type-approval under the 1958 Agreement.
  - The aim of this draft document is to allow Contracting Parties and stakeholders to formulate comments and proposal for the final (working) document.
- **Goal: Because of the mutual interaction of R96 and R120, both need to be adopted at the same time (WP29 - June 2018)**

# Regulation No. 132 - background

- UNECE Regulation No. 132  
Uniform provisions concerning the approval of Retrofit Emission Control devices (REC) for heavy duty vehicles, agricultural and forestry tractors and non-road mobile machinery equipped with compression ignition engines
- Addresses the need to align the text of Regulation No. 132 to the provisions of the 05 series of amendments to Regulation No. 96.

# Regulation No. 132 - Status

- Informal document proposing a “Supplement 1 to the 01 Series of amendments to Regulation No. 132”
- It has been developed in accordance with the mandate given by the GRPE during its 74th Session in January 2017 (ECE/TRANS/WP.29/GRPE/74)
- Equivalence Matrix for Regulation No. 96 / REC Class I / II/III/IV to include Stage V
- Introduction of Annex 13: “Specific requirements regarding the approval of a REC with respect to the emission limits set out in the 05 series of amendments of Regulation No. 96
- Goal: issue a working document for 77th Session of the GRPE (June 2018) and seek approval of WP29 (October 2018)





# Thanks

Any questions?

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