

Alignment of R96 with 2012 Amendment of EU 97/68/EC NRMM - Directive

Proposal by EC
Inf. GRPE/64/03

Amendment of 97/68/EC

- Stage IV limit values mandatory for type approvals 2013 (Q and R)
- Justification for revision
 - Technical progress
(also learning from HD V and VI legislation)
 - Harmonization
 - Gaps in current stage IV requirements

Content of Revision

- Complementing provisions for NO_x control by introducing an operator warning system and gradual reduction of the equipment performance (inducement)
- Adapting test procedure to better reflect real use conditions
- Extension of temperature/pressure and altitude criteria
- Improvement of durability requirements for stage IV engines
- Reporting of CO₂ emissions
- Accounting for crankcase emissions
- Updating information document
- Resolved uncertainty of engine classification: engines are assigned to categories based on maximum engine power

Finally

- Proposal series 04 to amend R96 also includes
 - Correction of 8 mode test according to 2010/26/EU
 - Correction of wrong references in current R96
 - Improvement of engine marking (extra letter distinguishing constant and variable speed engines)