Italian proposal to amend Regulation No. 96, 01 series of amendments, according to the Polish proposal TRANS/WP.29/GRPE/2001/9 and Add. 1.

Transmitted by the expert from Italy

A. Proposal

Annex 1B paragraph 1.7: Amend to read

“0.1. ....Fuel system:

........... pump - line - injector
........... rotary pump
........... in-line pump
........... single element
........... unit injector”

Annex 1B paragraph 1.9: add missing numbering

“1.9 ....exhaust after-treatment

........... oxidation catalyst
........... reduction catalyst
........... thermal reactor
........... particulates trap”

Annex 1B item 3: delete the whole item.

Insert new Annex 1B - Appendix A, to read:

“Annex 1B - Appendix A

ESSENTIAL CHARACTERISTICS OF THE ENGINE FAMILY

1. COMMON PARAMETERS 1/

1.1. Combustion cycle: ......................................................

1.2. Cooling medium: ........................................................

1.3. Method of air aspiration: ..............................................

1.4. Combustion chamber type/design: ........................................

1.5. Valve and porting 3/4 configuration, size and number: ...............  

1.6. Fuel system: ...........................................................

1.7. Engine management systems

Proof of identity pursuant to drawing number(s): ...........................
1.7.1. charge cooling system: .................................................
1.7.2. exhaust gas recirculation 2/: ..........................................
1.7.3. water injection/emulsion 2/: ...........................................
1.7.4. air injection 2/: ......................................................
1.8. Exhaust after-treatment system 2/: .....................................

Proof of identical (or lowest for the parent engine) ratio: system capacity/fuel delivery per stroke, pursuant to diagram number(s): ..........

2. .........ENGINE FAMILY LISTING

2.1. Engine family name: ....................................................

2.2. .......Specification of engines within this family:

<table>
<thead>
<tr>
<th>Engine Type</th>
<th>No. of cylinders</th>
<th>Rated Speed</th>
<th>Rated Net Power (kW)</th>
<th>Maximum Torque Speed</th>
<th>Maximum Torque</th>
<th>Low Idle Speed</th>
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</table>

PARENT ENGINE (FOR FULL DETAILS SEE ANNEX 1A)

<table>
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<tr>
<th>Engine Type</th>
<th>No. of cylinders</th>
<th>Rated Speed</th>
<th>Rated Net Power (kW)</th>
<th>Maximum Torque Speed</th>
<th>Maximum Torque</th>
<th>Low Idle Speed</th>
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2.3. .......In addition, for each engine type within the family, the information required in appendix of this annex shall be submitted to the approval authority.

Re-name the old Annex 1B Appendix to read:

"Annex 1B - Appendix B"

* * *

B. Justification

The whole proposal is in line with the one presented by the Polish expert in documents Trans/WP.29/GRPE/2001/9 and Add. 1, but it further aligns the text with the one of directive 97/68/EC. It has been specifically discussed and approved by the Polish and EU Commission experts.