

**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

"1.9exhaust 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:

Engine Type	No. of cylinders	Rated Speed	Rated Net Power (kW)	Maximum Torque Speed	Maximum Torque	Low Idle Speed
PARENT ENGINE (FOR FULL DETAILS SEE ANNEX 1A)						

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"

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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.

