

ANNEX 6A

N° of the A certificate "EURO3 safe" lorry:

FIN-0059

Certificate of compliance of a motor vehicle with technical and safety requirements for a "EURO3 safe" lorry

Vehicle Type and Make:	Volvo FH12 4x2
Vehicle Identification Number (VIN):	YV2A4DMA52A541180
Engine Type/Number:	D12C380 / 261083

The vehicle Manufacturer or the authorised Representative of the Manufacturer in the country of registration¹**Volvo Kuorma- ja Linja-autot Oy Ab**

/Name of the Company/

hereby confirms that the said vehicle is identical to the vehicle, which was on

.....**11.12.2001**....., in compliance with the provisions of Resolution CEMT/CM (2001)9/FINAL, and confirms that the particulars entered overleaf are correct.Measures according to¹: ISO/ECE/UN R.85/Directive 80/1269/EEC, as last amended by Directive 1999/99/ECMaximum engine power [kW] **309** At engine speed [r/min]: **1800**

REQUIREMENTS FOR NOISE AND EXHAUST EMISSIONS

Noise measured according to¹: ECE/UN R.51/02, Directive 70/157/EEC, as amended by Directive 1999/101/EC

Maximum values ² [dB(A)]	Engine Power	Measured values [dB(A)]
78	≤ 150 kW	
80	> 150 kW	78,9
On: 05.05.1998 In: Volvo Testgelände, Hällered, Schweden		
By: Institut Belge pour la Sécurité Routière ASBL		
Approach speed [km/h]:	22,2	In gear: 4H
Compressed air noise [dB(A)]:	69,7	
Proximity noise level [dB(A)]:	88 at engine [r/min]:	1350

Noise measured according to: Annex 1 g KDV³ 1967Engine braking noise [dB(A): **77,1**Ambient noise [dB(A):
At measure point 2: **78,7**
At measure point 6: **78,9**Measures according to¹: ECE/UN R.49/03⁴, or Directive 88/77/EEC, as amended by Directive 1999/96/EC and according to ESC and ELR test cycles

Maximum values	Pollutant	Measured values according to engine type approval test [g/kWh]
2,1 [g/kWh]	CO	0,66 [g/kWh]
0,66 [g/kWh]	HC	0,10 [g/kWh]
5,0 [g/kWh]	Nox	4,81 [g/kWh]
0,10, (0,13) ⁵ [g/kWh]	Particles	0,08 [g/kWh]
0,8 [m ⁻¹]	Smokes	0,55 [m ⁻¹]

Measures according to¹: ECE/UN R.49/03⁴, or Directive 88/77/EEC, as amended by Directive 1999/96/EC and according to ETC test cycle

Maximum values [g/kWh]	Pollutant	Measured values according to engine type approval test [g/kWh]
5,45	CO	
0,78	NM, HC	
1,6	CH ₄ ⁶	
5,0	Nox	
0,16 (0,21) ⁵	Particles	

Place

Vantaa

Date

11.12.2001

Signature and stamp

Kurt Westenius

- 1) Delete inappropriate mentions.
- 2) Resolutions CEMT/CM (95)4/Final and CEMT/CM (98)8 Final.
- 3) KDV ("Kraftfahrzeugesetzdurchführungs-Verordnung") = HGV Act implementing regulations (Austria).
- 4) As soon as the amendment concerning the provisions of Directive 1999/96/EC is implemented.
- 5) For engines having each cylinder under $\leq 0,75 \text{ dm}^3$ and normal regime above 3000 min⁻¹.
- 6) Only for natural gas engines and according to the provisions set up for ETC tests (cl. Annex III, Appendix 2, point 3.9, Directive 1999/96/EC).