

# VOLVO PENTA

NO: M-D73025

## EXHAUST EMISSION DECLARATION

The emission data in this declaration are measured according to the test procedures specified below and on one member engine of the engine type. Emission data may vary among production engines.

### TECHNICAL SPECIFICATION

Engine type:	TAD 764 VE
Specification:	Code C4SI225
Module No:	
Rated crankshaft power:	225 kW
Rated speed:	2200 rpm

### TEST INFORMATION

Test conditions	2010/ 26/ EC
Test identification	th741.108
Test date	Nov. 10, 2010
Test cycle	C1
Test fuel	DIN EN 590

### EXHAUST EMISSIONS (weighted cycle)

CO (g/kWh)	0,072
HC (g/kWh)	0,011
NOx (g/kWh)	1,438
PM (g/kWh)	0,0086


### EXHAUST EMISSIONS (per cycle mode)

Mode	#	1	2	3	4	5	6	7	8
Speed	(rpm)	2200	2200	2200	2200	1450	1450	1450	600
Test Power	(kW)	225,5	169,9	113,4	22,7	194,6	146,1	97,3	0,6
NOx *Wfi	(g/h)	67,2	31,2	15,3	15,0	24,8	11,7	4,6	5,1
HC *Wfi	(g/h)	0,3	0,3	0,3	0,3	0,06	0,04	0,04	0,04
CO *Wfi	(g/h)	2,3	1,8	1,7	1,5	0,7	0,4	0,3	0,02
NOx <sub>korr</sub>	(ppm)	234,5	117,0	66,8	213,3	196,8	110,9	51,5	159,5
HC	(ppm)	3,2	3,5	4,8	14,5	1,5	1,3	1,5	3,7
CO <sub>korr</sub>	(ppm)	13,3	10,9	12,5	35,6	8,6	6,3	6,2	0,9
CO <sub>2</sub>	(%)	9,2	7,5	6,0	4,5	11,2	9,9	8,0	1,3

Data is based on values from our engine manufacturer

### DATE AND SIGNATURE

2012-09-12

  
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Hanna Österlindh

AB Volvo Penta  
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