

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: TWD1673 GE
Specification:
Module No:
Rated crankshaft power *): 685 kW
Rated speed: 1800 rpm
*) Stand-by power without fan acc. to ISO 3046.

TEST INFORMATION

Test conditions: 40 CFR part 1039
Test identification: 29008623
Test date: September 10, 2014
Test cycle: D2 - 5-mode US constant speed test cycle

EXHAUST EMISSIONS (weighted cycle)

CO (g/kWh)	0,09
HC (g/kWh)	0,003
NOx (g/kWh)	0,31
PM (g/kWh)	0,018

EXHAUST EMISSIONS (per cycle mode)

Mode	#	1	2	3	4	5
Power	(kW)	699	526	351	176	70
NOx	(g/h)	204	147	148	28	46
HC	(g/h)	0	0	0	0	1
CO	(g/h)	141	106	74	60	123
CO ₂	(kg/h)	448	332	227	125	66
NOx	(ppm)	35	29	37	10	23
HC	(ppm)	0	0	0	0	1
CO	(ppm)	20	15	12	10	13
CO engine out	(ppm)	42	37	31	36	105
CO ₂	(%)	8,6	7,3	6,1	4,7	3,6

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AB Volvo Penta
47 436, Engine Emission Certification