



Exhaust Emissions Data

EPA Standards of Performance for Stationary Spark Ignition Internal Combustion Engines per 40 CFR Part 60 Subpart JJJJ

Engine Model TCG 2015 V06

HP	kW	RPM	NOx						CO						VOC1			
			g/HP-hr ²	g/kW-hr ²	TPY ³	Avg ppm ⁴	Avg. ppm @15%O ₂	g/HP-hr ²	g/kW-hr ²	TPY ³	Avg. ppm ⁴	Avg. ppm @15%O ₂	g/HP-hr ²	g/kW-hr ²	TPY ³	Avg. ppm ⁴	Avg. ppm @15%O ₂	
220	164	1500	0.7	0.9	0.3	86	41	1.6	2.1	0.6	372	176	0.08	0.1	0.02	23	11	
241	180	1800	0.7	1.0	0.3	98	47	1.8	2.4	0.7	392	187	0.03	0.0	0.00	0.0	0.0	
241	180	1900	0.6	0.9	0.3	73	34	1.8	2.4	0.8	400	188	0.05	0.1	0.03	21	10	

1. VOC: Volatile Organic Compounds
2. Composite brake emission data are calculated based on the weighed power and weighted emission values
3. TPY (Tons per year) calculated assuming engine operation at 75% load and 2500hrs per year
4. Averaged ppm over the D-1 test cycle.

Emission Certification:

EPA Standards of Performance for Stationary Spark Ignition Internal Combustion Engines per 40 CFR Part 60 Subpart JJJJ. Maximum engine power category 100HP to 500HP. Certified to all 50 states.

Conforms to model year 2011 emission standards of:

NOx: 1.0 g/HP-hr
CO: 2.0 g/HP-hr
VOC: 0.7 g/HP-hr

EPA Engine Family Name:

[BDZXB11.9V06](#)

Emission Test Cycle:

EPA large SI nonroad engine test procedure as stated in 40 CFR Part 1048 using the D-1 test cycle of standardization ISO 8178-4, D-1 for constant speed engines.

Fuel:

Engine is certified to operate using pipeline quality natural gas.

Reference Conditions:

Combustion Air Temperature: 25 °C (77 °F)
Barometric Pressure: 100 kPa (29.53 in Hg)
Above emission data are derived from measurements as per 40 CFR Part 1048.

Actual engine emissions will vary due to air temperature, humidity, fuel quality, maintenance practices, barometric pressure, etc., which impact the emission levels of any engine.

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The engine company. 