

**EXHAUST EMISSION DATA SHEET**  
**MQ POWER INDUSTRIAL GENERATOR SET**  
**Model: KD175V**



**The engine used in this generator set is certified to comply with  
United States EPA Tier 2 and CARB Mobile Off-Highway emission  
regulations when tested per ISO 8178 D2.**

**ENGINE DATA**

Make/Model:	VOLVO ~ TAD741GE	Bore:	4.21 in.	(107 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	5.31 in.	(135 mm)
Aspiration:	Turbocharged, Aftercooled	Displacement:	445 cid	(7.2 liters)
		Compression Ratio:	17.2:1	

**PERFORMANCE DATA**

SAE Gross HP @ 1800 RPM (60 Hz)	316
Rated Load Fuel Consumption (gal/Hr)	14.7
Rated Load Exhaust Gas Flow (cfm)	1511
Rated Load Exhaust Gas Temperature (F)	1031

**United States EPA - Mobile Off-Highway Tier 2 Limits - ≥302 BHP - ≤602 BHP**

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO <sub>2</sub> )	(4.77)* gr/bhp-hr	(4.33)* gr/bhp-hr
HC (Total Unburned Hydrocarbons)	(NOx + HC)* Combined	(NOx + HC)* Combined
CO (Carbon Monoxide)	2.61 gr/bhp-hr	0.52 gr/bhp-hr
PM (Particulate Matter)	0.15 gr/bhp-hr	0.10 gr/bhp-hr

EPA Engine Family:	2VPXL07.3ACB
Effective Date:	Year 2002

*Note: Engine operation with excessive air intake or exhaust restriction beyond factory published maximum limits, or with improper service maintenance, may result in higher emission levels.*

