

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-85USJ



The engine used in this generator set is certified to comply with United States EPA Tier 2 and CARB Mobile Off-Highway emission regulations.

ENGINE DATA

Model:	JOHN DEERE	4045TF275	Bore:	4.19 in.	(106 mm)
Type:	4-Cycle, In-Line, 4-Cylinder, Diesel		Stroke:	5.00 in.	(127 mm)
Aspiration:	Turbocharged		Displacement:	276 cid	(4.5 liters)
			Compression Ratio:	17:1	

PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	113
Rated Load Fuel Consumption (gal/Hr)	5.7
Rated Load Exhaust Gas Flow (cfm)	674
Rated Load Exhaust Gas Temperature (F)	1094

United States EPA - Mobile Off-Highway Tier 2 Limits - ≥ 100 BHP - ≤ 173 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	4.92 gr/bhp-hr	4.70 gr/bhp-hr
HC (Total Unburned Hydrocarbons)	(NOx + HC)* Combined	(NOx + HC)* Combined
CO (Carbon Monoxide)	3.73 gr/bhp-hr	0.82 gr/bhp-hr
PM (Particulate Matter)	0.22 gr/bhp-hr	0.18 gr/bhp-hr

EPA Engine Family:	5JDXL06.8041
EPA Certificate of Conformance:	JDX-NR5-05-24
Effective Date:	Year 2005

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.