

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-85SSJUC



The engine used in this generator set is certified to comply with United States EPA Tier 1 and CARB Mobile Off-Highway emission regulations when tested per ISO 8178 D2.

ENGINE DATA

Model:	JOHN DEERE	4045TF250	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

STANDBY

PRIME

SAE Gross HP @ 1800 RPM (60 Hz)	113	102
Rated Load Fuel Consumption (gal/Hr)	5.3	4.8
Rated Load Exhaust Gas Flow (cfm)	522	487
Rated Load Exhaust Gas Temperature (F)	1050	979

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

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	6.90 gr/bhp-hr	6.20 gr/bhp-hr
HC (Total Unburned Hydrocarbons)	---- gr/bhp-hr	0.40 gr/bhp-hr
CO (Carbon Monoxide)	---- gr/bhp-hr	0.60 gr/bhp-hr
PM (Particulate Matter)	---- gr/bhp-hr	0.15 gr/bhp-hr

EPA Engine Family: 1JDXL06.8014
EPA Certificate of Conformance: JDX-NR6-01-10
Effective Date: Year 2001

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.