

# EXHAUST EMISSION DATA SHEET

## MQ POWER GENERATOR SET

Model: DCA-70SSJUC



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	4045TF150	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 - $\geq 100$ BHP - $\leq 173$ BHP

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

EPA Engine Family: YJDXL06.8014  
EPA Certificate of Conformance: JDX-NR6-00-14  
Effective Date: Year 2000

*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.*

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