

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-125USI



The engine used in this generator set is certified to comply with United States EPA Tier 3 and CARB Mobile Off-Highway emission regulations.

ENGINE DATA

Manufacturer: ISUZU	Bore: 4.53 in. (115 mm)
Model: BI-4HK1X	Stroke: 4.92 in. (125 mm)
Type: 4-Cycle, In-Line, 4-Cylinder, Diesel	Displacement: 317 cid (5.2 liters)
Aspiration: Turbocharged, Charge Air Cooler, ECM	Compression Ratio: 17.5:1

PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	173
Rated Load Fuel Consumption (gal/Hr)	7.3
Rated Load Exhaust Gas Flow (cfm)	738
Rated Load Exhaust Gas Temperature (°F)	986

United States EPA - Mobile Off-Highway Tier 3 Limits - 100.6 ≤ BHP ~ <174.3 BHP

Criteria Pollutant	Emission Requirements		Certified Engine Emissions	
NOx (Oxides of Nitrogen as NO2)	N/A	gr/bhp-hr	N/A	gr/bhp-hr
HC (Total Unburned Hydrocarbons)	N/A	gr/bhp-hr	N/A	gr/bhp-hr
NOx + HC (Combined)	2.98	gr/bhp-hr	1.94	gr/bhp-hr
CO (Carbon Monoxide)	3.73	gr/bhp-hr	0.82	gr/bhp-hr
PM (Particulate Matter)	0.22	gr/bhp-hr	0.13	gr/bhp-hr

EPA Engine Family:	BSZXL05.2IXB
EPA Certificate of Conformance:	SZX-NRCI-11-13
ARB Executive Order:	U-R-006-0372-1
Effective Date:	Model Year 2012

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.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF TRANSPORTATION AND AIR QUALITY
WASHINGTON, DC 20460



CERTIFICATE OF CONFORMITY
2011 MODEL YEAR

Manufacturer: **ISUZU MOTORS LIMITED**
Engine Family: **BSZXL05.21XB**
Certificate Number: **SZX-NRCI-11-13**
Intended Service Class: **NR 5 (75-130)**
Fuel Type: **DIESEL**
FELs: **NMHC + NOx: N/A NOx: N/A PM: N/A**
Effective Date: **9/23/2010**
Date Issued: **9/23/2010**


Karl J. Simon, Director
Compliance and Innovative Strategies Division
Office of Transportation and Air Quality

Pursuant to Section 213 of the Clean Air Act (42 U.S.C. section 7547) and 40 CFR Part 89, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following nonroad engines, by engine family, more fully described in the documentation required by 40 CFR 89 and produced in the stated model year.

This certificate of conformity covers only those nonroad compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 89 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 89.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 89.129-96 and 89.506-96 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to a revocation or suspension of this certificate for reasons specified in 40 CFR Part 89. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void ab initio for other reasons specified in 40 CFR Part 89.

This certificate does not cover nonroad engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

	ISUZU MOTORS LIMITED	EXECUTIVE ORDER U-R-006-0372-1 New Off-Road Compression-Ignition Engines
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Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment under the flexibility program provisions. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	FLEXIBILITY PROGRAM ENGINE FAMILY NAME(s)
2012	ASZXL05.2HXA, ASZXL07.8HXA, ASZXL07.8HXB, ASZXL09.8HXA, ASZXL09.8HXB, ASZXL15.7HXA, ASZXL15.7HXB, BSZXL03.0IXA, BSZXL03.0JXA, BSZXL03.0JXB, BSZXL05.2IXA, BSZXL05.2IXB, BSZXL03.0JTA

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2423, subpart (d).

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

This Executive Order hereby supersedes Executive Order U-R-006-0372 dated December 28, 2011.

Executed at El Monte, California on this 2 day of March 2012.



Annette Hebert, Chief
 Mobile Source Operations Division