

## EPA Tier 2 exhaust emission compliance statement 1400DQGAN

50 Hz Diesel generator set

## Compliance Information:

The engine used in this generator set complies with the Tier 2 emissions limits of U.S EPA New source performance standards for stationary emergency engines under the provisions of 40 CFR 60 Subpart IIII when tested per ISO 8178 D2.

Engine manufacturer:	Cummins Inc
EPA Certificate number:	CCEXL050.AAD-011
Effective date:	05/27/2011
Date issued:	05/27/2011
EPA Diesel engine family:	CCEXL050.AAD
CARB Executive order:	

## Engine information:

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Model:	Cummins Inc QSK50-G4 NR2	Bore:	6.25 in. (159 mm)
Туре:	4 Cycle, $60^{\circ}$ V, 16 cylinder diesel	Stroke:	6.25 in. (159 mm)
Aspiration:	Turbocharged and low Temperature after-cooled (2 pump/2 loop)	Displacement:	3067 cu. in. (50.2 liters)
Compression ratio:	15.0:1		
Emission control device:	Turbocharged with low Temperature after-cooled		
Performance data		<u>Standby</u>	Prime
BHP @ 1500 RPM (50 Hz)		1640	1500
Fuel consumption (gal/Hr)		82	76
Exhaust gas flow (CFM)		9058	8284
Exhaust gas temperature (		792	723

## U.S. Environmental Protection Agency (EPA) NSPS Stationary Emergency Tier 2 limits

	(All values are grams per HP-hour)	
<u>Component</u>		
NOx + HC (Oxides of nitrogen as NO2 + non methane hydrocarbons)	4.77	
CO (Carbon monoxide)	2.61	
PM (Particulate matter)	0.15	

Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels.