



2022 EPA Tier 2 Exhaust Emission Compliance Statement C2750D5BE Stationary Emergency 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 E when tested per ISO8178 D1.	
Engine Manufacturer:	Cummins Inc.
EPA Certificate Number:	NCEXL060.AAD-041
Effective Date:	08/19/2021
Date Issued:	08/19/2021
EPA Diesel Engine Family:	NCEXL060.AAD

Engine Information:			
Model:	QSK60-G23	Bore:	6.25 in. (159 mm)
Engine Nameplate HP:	3202	Stroke:	7.48 in. (190 mm)
Type:	4 Cycle, V, 16 Cylinder Diesel	Displacement:	3672 cu. in. (60 liters)
Aspiration:	Turbocharged & Low Temperature Aftercooled	Compression ratio:	14.5:1
Emission Control Device:	Turbocharged and Aftercooled	Exhaust Stack Dia.:	10 in. (254 mm)

Diesel Fuel Emission Limits						
D2 Cycle Exhaust Emissions	Grams per BHP-hr			Grams per kWm-hr		
	<u>NOx NMHC</u>	<u>CO</u>	<u>PM</u>	<u>NOx NMHC</u>	<u>CO</u>	<u>PM</u>
	Test Results	4.50	0.30	0.04	6.00	0.40
EPA Emissions Limit	4.80	2.60	0.15	6.40	3.50	0.20

Test methods: EPA emissions recorded per 40 CFR Part 60, 89, 1039, 1065 and weighted at load points prescribed in the regulations for constant speed engines.

Diesel fuel specifications: Cetane number: 40-50. Reference: ASTM D975 No. 2-D, 300-500 ppm Sulfur

Reference conditions: Air inlet temperature: 25 °C (77 °F), Fuel inlet temperature: 40 °C (104 °F).
Barometric pressure: 100 kPa (29.53 in Hg), Humidity: 10.7 g/kg (75 grains H₂O/lb) of dry air; required for NOx correction,
Restrictions: Intake restriction set to a maximum allowable limit for clean filter; Exhaust back pressure set to a maximum allowable limit.

Tests conducted using alternate test methods, instrumentation, fuel or reference conditions can yield different results. Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels.