



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2013 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT OF 1990

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: **Perkins Engines Co Ltd**
(U.S. Manufacturer or Importer)

Certificate Number: **DPKXL04.4NH1-004**

Effective Date:
10/11/2012

Expiration Date:
12/31/2013

Byron J. Buzker, Acting Division Director
Compliance Division

Issue Date:
10/11/2012

Revision Date:
N/A

Model Year: 2013

Manufacturer Type: Original Engine Manufacturer

Engine Family: DPKXL04.4NH1

Mobile/Stationary Indicator: Stationary

Emissions Power Category: 56<=kW<75

Fuel Type: Non-Standard Fuel, Diesel

After Treatment Devices: No After Treatment Devices Installed

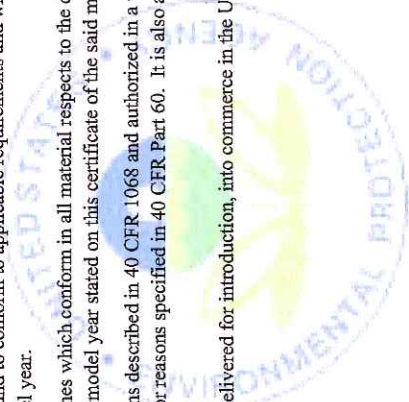
Non-after Treatment Devices: Electronic Control

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, 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 engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new 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 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. 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 60.

This certificate does not cover 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.





**1100D Series Diesel Engine Emissions
Standby Power Rated @ 1800rpm**

Engine	Standby Power kW	EPA Emissions Level	PM g/kWh	CO g/kWh	NOx + NMHC g/kWh	CO g/kWh	NOx + NMHC g/kWh	Comments
Limits EPA 40 CRF Part 89 Tier 3								
Class of the engine 75-kW<130								
Class of the engine 130<1kW<225								
Type								
1104D-E44TG1	63	Tier 3	0.283	1.02	4.42	1.20	4.22	
1104D-E44TG1	71.5	Tier 3	0.187	1.20	3.56	1.31	3.72	
1104D-E44TAG1	90.8	Tier 3	0.183	1.46	3.71	1.46	3.71	
1104D-E44TAG2	111.0	Tier 3	0.157	0.81	3.73	0.78	3.73	
1106D-E66TAG2	153.6	Tier 3	0.155	0.78	3.81	1.06	3.81	
1106D-E66TAG3	163.3	Tier 3	0.146	0.78				
1106D-E66TAG4	192.3	Tier 3						

Typical emissions levels for 1100D Series diesel engines. Data may be subject to variation if the engine is not maintained according to Perkins Service and Maintenance Manuals. Data is valid on date of issue only.

MC Issue 2 - 04.04.08