## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-107-9

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

PERKINS ENGINES (PETERBOROUGH), LTD.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 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-45-3;

IT IS ORDERED AND RESOLVED: That the following Perkins Engines (Peterborough), Ltd. 1995 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control  Systems and Special Features
SPK365D6DAAA (180Ti)	6.0	365 '	Charge Air Cooler Turbocharger Oxidation Catalytic Converter

Engine models and codes are listed on attachments.

The following are the certification exhaust emission standards for this engine family in grams per brake-horsepower-hour:

Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen Oxides	<u>Particulates</u>
1.3	15.5	5.0	0.10

The following are the certification exhaust emission values for this engine family in grams per brake-horsepower-hour:

Engine <u>Family</u>	Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Particulates</u>
SPK365D6DAAA	0.1	0.5	4.7	0.07

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this

day of March, 1995.

R. B. Summerfield

Assistant Division Chief Mobile Source Division

E.O.#A-107-9
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## 1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL-STANDARD ENGINES

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Manufacturer_	PERKINS ENGIN	E (PETERBOROUGH	I) Eng	ine Family S	PK365D6DAAA	(180Ti)
Displacement:	5.985	/I	iters	365 /	C	ubic Inches
Maximum Rated	Power: 180	нр @ _	2600	RPM Engi	ne Configur	ation.
Ignition: Co	mpression <u>XX</u>	_ Comp	ression with	Glow Plug	Joint Lyur	Spark
Fuel Type(s):	Dedicated_X	X Flex-Fuel_	Dual-Fuel	Diesel	— XX M100	phark
	CNG LN	GLPG	Other (speci	<u> </u>	<u>ww</u> w100_	
Diesel Cert F	uel: 13 CCR	2282 4	0 CFR 86.1313	-90	40 CEP 96	1212 04 99
Primary Inten	ded Service C	lass: LHD	WHD XX	nnu	Tuels	1313-94 <u>XX</u>
Exhaust ECS (	incl. MFI, TC	, CAC):				an sus
·	·	· <u></u>	(use abbrevia	tions per SAF	J1930 SEP	91)
		Fuel Rate	Fuel Pump	<del>                                     </del>	EGR	PTOX /
Engine Model (Eng Code)	Rated HP @ RPM	@gRated HP	& Injector		Valve	Catalytic
(g 0000)	G REM	mm / stroke (lbs/hr)	Part No.	Part No.	Part No.	
Phaser 180Ti	100 bbs a					Part No.
(YE)	_	95.5 (86.6)	264Cc653 &	n/a	n/a	26730203
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