Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR			ENGINE SIZES (L)	FUEL TYPE 1	STANDARDS & TEST	INTENDED SERVICE	ECS & SPECIAL FEATURES 3	DIAGNOSTIC 6			
2009	9NVXH0275	AGA	4.5	Diesel	PROCEDURE	CLASS 2	DDI, TC(2), CAC, ECM, EGR,	EMD			
1	PIMARY ENGINE'S IDLE  SMISSIONS CONTROL  ADDITIONAL IDLE EMISSIONS CONTROL										
	ESS	N/A.									
ENGINE (	L)	ENGINE MODELS / CODES (rated power, in hp)									
4.5					200 / A200 (2)	00)					
CNG/LM L/M/H H ECS=en up catelyst; TBI=throtitie super charg control mod ESS=en (per 13 CCF	iG=compressed/liquiDD=light/medium/he rission control syste DPF=diesel particul body fuel injection; jer; CAC=charge air ule: EM=engine mo gine shutdown syste R 1956.8(a)(6)(b);	efied nature avy heavy heavy heavy m; TWC/Clate filter; SFI/MFI=s cooler; Edification; m (per 13 xempt=ex	al gas; LPG=liquefi,/-duty diesel; UB=ur DC=three-way/oxidiz PTOX=periodic trap sequential/multi port GR / EGR-C=exhaur 2 (prefix)=parallel; CCR 1956.8(a)(6)(A tempted per 13 CCR	ed petroleum gas; E85=85% eth ban bus; HDO=heavy duty Otto: ng catalyst; NAC=NOx adsorption oxidizer; HO2\$702\$=heated/oxy fuel injection; DGI=direct gasoin st gas recirculation / cooled EGR (2) (suffix)=in series; V11: 300=30 nbr. NOx (nor 13 G	enol fuel; MF=multion catalyst; SCR-U/gen sensor; HAFs ie injection; GCAR: PAIR/AIR=pulsed	fuel a.k.a. BF= / SCR-N=selec /AFS=heated/a 3=paseous cart /secondary air i	R 86.abc=Title 40, Code of Federal Regulations to the control of t	/U (prefix) =warm- xygen sensor); ; TC/SC=turbo/ engine/powertrain			

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the EURO and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in

in g/bhp-hr	NMHC		NOx		NMHC+NOx		со		PM		нсно	
	FTP	EURO	FTP	EURO	FTP	EURO	FΤP	EURO	FTP	EURO	FTP	EURO
STD	0.14	0.14	*	*	*	*	15.5	15.5	0.01	0.01	*	LUKU
FEL	*		1.57	1.57	1.7	1.7	*	*	#	U.01		<del>                                     </del>
CERT	0.07	0.003	1.50	1.37	1.6	1.4	5.8	0.05	0.001	0.001	*	
NTE	0.21		1.96		2.1		19.4		0.001		<del></del>	

g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; EURO=Euro III European Steady-State Cycle, including RMCSET=ram mode cycle supplemental emissions testing; NTE=Not-to-Exceed; STD=standard or emission test cap; FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; (Rev.: 2007-02-26)

**BE IT FURTHER RESOLVED**: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: The listed engine models have been certified to the split engine family standards under 13 CCR 1956.8(b) [diesel engines] or 13 CCR 1956.8(d) [OTTO engines] and the incorporated 40CFR 86.007-15(m)(9).

BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels) and 13 CCR 2035 et seq. (emission control warranty).

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 Executive Order.

Executed at El Monte, California on this 23 day of December 2008

Annette Hebert, Chief

Mobile Source Operations Division

Raphael Surnows