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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-14-012;

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	EAR ENGINE FAMILY		ENGINE SIZES (L)	FUEL TYPE 1	STANDARDS & TEST	INTENDED SERVICE	ECS & SPECIAL FEATURES 3	DIAGNOSTIC 6		
					PROCEDURE	CLASS	SFI, TWC, HO2S, 2HAFS	EMD+		
2014			6.8	LPG	Otto	HDO	011, 1000, 11020, 211/11 0			
	Y ENGINE'S IDLE NS CONTROL			AI	DDITIONAL IDLE EN	IISSIONS CON	ITROL 5			
N/A N/A										
ENGINE (L)	describeration of the		ENGINE MO	DELS / CODES (ra	ted power, in h	1p)			
6.8	6.8 V10 / DFA18N05 (362), DFA18P05 (362), DFA18A05 (362), DFA18R05 (362), DFA18Q05 (362)									
L=liter; hp CNG/LI L/M/H F ECS=ei up catalyst	=horsepower; kw=kild NG=compressed/lique HDD=light/medium/hea mission control system DPF=diesel particula	owatt; hranged heater avy heavy hranged; TWC/Coate filter;	=hour; ral gas; LPG=liquefie r-duty diesel; UB=urb DC=three-way/oxidizir PTOX=periodic trap c	d petroleum gas; E85=85% an bus; HDO=heavy duty 0 g catalyst; NAC=NOx adso xidizer; HO2S/O2S=heated	ethanol fuel; MF=mul Otto; orption catalyst; SCR-t d/oxygen sensor; HAF	ti fuel a.k.a. BF= J / SCR-N=selec S/AFS=heated/a	R 86.abc=Title 40, Code of Federal Regulation bi fuel; DF=dual fuel; FF=flexible fuel; tive catalytic reduction – urea / – ammonia; ir-fuel-ratio sensor (a.k.a., universal or linea	WU (prefix) =warm-r oxygen sensor):		
control mod	ger; CAC=charge air dule; EM=engine mod	cooler; E lification;	GR / EGR-C=exhaust 2 (prefix)=parallel; (gas recirculation / cooled E 2) (suffix)=in series;	GR; PAIR/AIR=pulse	d/secondary air i	ouretor, IDI/DDI=indirect/direct diesel injecti njection; SPL=smoke puff limiter; ECM/PC al combustion auxiliary power system; ALT=	M=engine/powertrain		
(per 13 CC	R 1956.8(a)(6)(D); Ex	cempt=e>	cempted per 13 CCR		LNG fuel systems; N/A	=not applicable	(e.g., Otto engines and vehicles);			

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the SET and NTE limits under the applicable California exhaust emission standards and test procedures for heavyduty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, SET 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 parentheses.).

in g/bhp-hr	NMHC		NOx		NMHC+NOx		СО		PM		нсно	
	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO
STD	0.14	*	0.20	*	*	*	14.4	*	0.01	*	0.01	*
FEL	*	*	*	*	*	*	*	*	*	*	*	*
CERT	0.11	*	0.10	*	*	*	7.4	*	0.000	*	0.000	*
NTE	*		*		*		*		*		*	

⁴ g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; SET=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; CO=carbon monoxide; PM=particulate matter; HCHO=formaldehyde; (rev: 2013-12-30)

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: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1971.1 (on-board diagnostic), 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 2/ and of February 2014

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division