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 FAMILY		ENGINE SIZES (L)	FUEL TYPE 1	STANDARDS & TEST	SERVICE	ECS & SPECIAL FEATURES 3	DIAGNOSTIC 6 EMD			
TEAR					PROCEDURE	CLASS	TBI, TC, CAC, ECM, EGR, TWC,				
2014	ECEXH0729	CEXH0729XBA 11.9		CNG/LNG	Diesel	HHDD	HO2S				
	ENGINE'S IDLE NS CONTROL			ADI	DITIONAL IDLE EN	IISSIONS CO	NTROL 5				
EXEMPT		N/A									
ENGINE (L	L)		hp)								
11.9	1.9 ISX12 G400 / 3647;FR20288 (400), ISX12 G385 / 3647;FR20290 (385), ISX12 G 350 / 3647;FR20292 (3 ISX12 G350 / 3647;FR20296 (350), ISX12 G 330 / 3647;FR20298 (330), ISX12 G 320 / 3647;FR20300 (3										
L=liter; hp=	=horsepower; kw=k	ilowatt; hr	=hour;				R 86.abc=Title 40, Code of Federal Regulations =bi fuel; DF=dual fuel; FF=flexible fuel;	s, Section 86.abc;			
				an bus; HDO=heavy duty Ott		iluera.k.a. br	-bilder, Dr-ddailder, Fr-llexible ider,				
ECS=en up catalyst; TBI=throttle super charg	nission control syste DPF=diesel particu body fuel injection; per; CAC=charge air	m; TWC/elate filter; SFI/MFI= cooler; E	OC=three-way/oxidizing PTOX=periodic trap of segmential/multiport for the control of the control	ng catalyst; NAC=NOx adsorp exidizer; HO2S/O2S=heated/c uel injection; DGI=direct gaso gas recirculation / cooled EG	tion catalyst; SCR-L exygen sensor; HAF	S/AFS=heated/	ctive catalytic reduction – urea / – ammonia; W air-fuel-ratio sensor (a.k.a., universal or linear o buretor; IDI/DDI=indirect/direct diesel injection; injection; SPL=smoke puff limiter; ECM/PCM=	xygen sensor);			
(per 13 CCF	R 1956.8(a)(6)(D); E	xempt=e	xempted per 13 CCR	(1); 30g=30 g/hr NOx (per 13 1956.8(a)(6)(B) or for CNG/LN 1); OBD=on-board diagnostic	IG fuel systems; N/A	=not applicable	al combustion auxiliary power system; ALT=alt e (e.g., Otto engines and vehicles);	ernative method			

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, 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	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET
STD	0.14	0.14	0.20	0.20	*	*	15.5	15.5	0.01	0.01	*	*
FEL	*	*			* .	*	*	*	*	*	*	*
CERT	0.03	0.01	0.15	0.03	*	*	8.7	6.4	0.003	0.001	*	*
NTE	0.21		0.30		*		19.4		0.02		*	

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

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 (engine manufacturer 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 day of January 2014

Erik White, Chief

Mobile Source Operations Division