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	ENGINE FAM	LY	ENGINE	FUEL TYPE	STANDARDS & TEST	INTENDED SERVICE	ECS & SPECIAL FEATURES 3	DIAGNOSTIC 6
YEAR			SIZES (L)		PROCEDURE	CLASS 2	TBI, TC, CAC, ECM, EGR, TWC,	EMD+
2015	FCEXH0729	XBB	11.9	CNG/LNG	Diesel	UB	HO2S	CIVIDT
	ENGINE'S IDLE			Al	DDITIONAL IDLE EN	ISSIONS CO	NTROL 5	
E	XEMPT				N.	'A		
ENGINE (L	-)			ENGINE MO	DELS / CODES (rat	ted power, in	hp)	
11.9			ISX 12 C	400CC / 4745:FR20	0709 (400), ISX1:	G 400CC	/ 4745;FR20760 (400)	
L=liter, hp=	horsepower; kw=ki		=hour;				R 86.abc=Title 40, Code of Federal Regulations	
L/M/H H ECS=en up catalyst; TBI=throttle super charg control mod ESS=en	IG=compressed/lique IDD=light/medium/he nission control syste DPF=diesel particul body fuel injection; eer, CAC=charge air ule; EM=engine mougine shutdown syste	m; TWC/Clate filter; SFI/MFI=s cooler; E dification; m (per 13	r-duty diesel; UB=urb C=three-way/oxidizin PTOX=periodic trap o sequential/multi port fit GR / EGR-C=exhaust 2 (prefix)=parallel; (; CCR 1956.8(a)(6)(A)	an bus; HDO=heavy duty 0 g catalyst; NAC=NOx adso g catalyst; NAC=NOx adso cut of the second of the	otto; rption catalyst; SCR-U l/oxygen sensor; HAFs soline injection; GCAR GR; PAIR/AIR=pulsed 3 CCR 1956.8(a)(6)(C	/ SCR-N=seled/ 6/AFS=heated/ B=gaseous car l/secondary air	=bi fuel; DF=dual fuel; FF=flexible fuel; ctive catalytic reduction – urea / – ammonia; Wair-fuel-ratio sensor (a.k.a., universal or linear oburetor; IDI/DDI=indirect/direct diesel injection; injection; SPL=smoke puff limiter; ECM/PCM= al combustion auxiliary power system; ALT=alt (e.g., Otto engines and vehicles);	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 SET 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	NMHC		NOx		co		PM		нсно	
g/bhp-hr	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	*	*
CERT	0.03	0.01	0.12	0.02	6.2	4.5	0.003	0.001	*	*
NTE	0.2	21	0.	30	19	9.4	0	.02		

BE IT FURTHER RESOLVED: For the listed California-only engine family, the manufacturer has demonstrated compliance with the Greenhouse Gas Emission Standards as specified in Title 13 CCR 1956.8 and part 1036 of the incorporated "California Exhaust Emission Standards and Test Procedures for 2004 and Subsequent Model Heavy Duty Diesel-Engines and Vehicles" (HDDE Test Procedures) adopted Dec. 27, 2002, as last amended Oct. 21, 2014.

	EPA CERTIFICATE	OF CONFORMITY	PRIMARY INTENDED SERVICE CLASS			
		*	VOCATIONAL			
In	C	O ₂	OLI.	N₂O		
g/bhp-hr	FTP	SET	CH ₄			
STD	577		0.10	0.10		
FCL	506	*	*	*		
FEL	521	*	1.40	*		
CERT	506	*	1.06	0.03		

BE IT FURTHER RESOLVED: That the listed engine family is certified to the Alternate Phase-in CO₂ Emission Standards as specified in 13 CCR 1956.8 and section 40 CFR 1036.150 (e) as incorporated in the "California Exhaust Emission Standards and Test Procedures for 2004 and Subsequent Model Heavy Duty Diesel-Engines and Vehicles" adopted Dec. 27, 2002, as last amended Oct. 21, 2014.

BE IT FURTHER RESOLVED: Certification to the FEL(s) / FCL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) / FCL(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.

This Executive Order hereby supersedes Executive Order A-021-0628 dated April 9, 2015.

Executed at El Monte, California on this

day of October 2015.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division