



Pursuant to the authority vested in California 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-19-095;

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 FAM	IILY	ENGINE SIZES (L)	FUEL TYPE ¹	STANDARDS INTENDED & TEST SERVICE PROCEDURE CLASS 2		ECS & SPECIAL FEATURES ³	DIAGNOSTIC ⁶				
2023	PFMXH06.7	FMXH06.7P4A 6.		Diesel	Diesel	LHDD	[1]: TC, DDI, CAC, EGR, ECM, PTOX, DOC, SCR-U, AMOX	OBD(P)				
	Y ENGINE'S IDLE INS CONTROL 5			ADDI	TIONAL IDLE EM	IISSIONS CON	NTROL ⁵					
	N/A				N	/A						
ENGINE (L)	ENGINE MODELS / CODES (rated power, in hp)										
6.7L				See attachmen	t for engine mo	odels and ra	itings					
L=liter; hp	=horsepower; kw =ki NG =compressed/liqu	lowatt; hr efied natu	=hour; ral gas; LPG =liquefic	•			86.abc= Title 40, Code of Federal Regulations, so if uel; DF =dual fuel; FF =flexible fuel;	Section 86.abc;				
catalyst; D TBI=throttle charger; C module; EI	PF=diesel particulate e body fuel injection; AC=charge air coole M=engine modification	e filter; PT SFI/MFI= r; EGR / E on; AMOX	OX=periodic trap oxi- sequential/multi port EGR-C=exhaust gas =Ammonia Oxidation	dizer; HO2S/O2S=heated/oxygen fuel injection; DGI=direct gasoline recirculation / cooled EGR; PAIR/ n Catalyst; NOXS=NOx sensor; 2	sensor; HAFS/AF injection; GCARB AIR=pulsed/second (prefix)=parallel; (:	S=heated/air-fu =gaseous carbo dary air injection 2) (suffix)=in se		n sensor); CC/SC=turbo/super powertrain control				
13 CCR 19	56.8(a)(6)(D); Exem	pt=exemp	ted per 13 CCR 195	.)(1);	ystems; N/A=not a	applicable (e.g.,		native method (per				

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	NMHC		NOx		NMHC+NOx		со		PM		нсно	
g/bhp-hr	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	*	*	0.06	0.06	*	*	*	*	*	*	*	*
CERT	0.002	0.000	0.04	0.05	*	*	0.1	0.02	0.002	0.001	*	*
NTE	0.21 0.09		09	*		19.4		0.02		*		
4 will be because and harden because have FTD-Cadaral Test Decarding. CFT-Complemental emissions testing. NTT-Net to Consider a spirit and an emission test and the complemental emission testing.												

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: The manufacturer has demonstrated compliance with the Greenhouse Gas Emission Standards as specified in Title 13 CCR 1956.8 and the incorporated "California Exhaust Emission Standards and Test Procedures for 2004 and Subsequent Model Heavy Duty Diesel-Engines and Vehicles" (HDDE Test Procedures) adopted December 12, 2002, as last amended September 9, 2021.

	PRIMARY INTENDED SERVICE CL	ASS: Vocational		
In		CO ₂		
g/bhp-hr	FTP	SET	CH₄	N₂O
STD	563	*	0.10	0.10
FCL	539	*	*	*
FEL	555	*	0.10	0.10
CERT	521	*	0.03	0.08
4		5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; SET=Supplemental emissions testing; STD = standard or emission test or L=family certification level; CERT=certification level; CO₂=carbon dioxide; CH₄=methane; N₂O=nitrous oxide; VOCATIONAL=vocational engine; STD = standard or emission test cap; FEL=family emission limit; VOCATIONAL=vocational engine; TRACTOR=tractor engine

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.



FORD MOTOR COMPANY

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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, full or partial compliance) and 13 CCR 2035 et seq. (emission control warranty).

BE IT FURTHER RESOLVED: That the manufacturer has elected to include engine models in this engine family which are identified for "emergency vehicle use only". These "emergency vehicle use only" engines are exempt from requirements imposed pursuant to California law and the regulations adopted pursuant thereto for motor vehicle pollution control devices per California Vehicle Code Section 27156.2. The manufacturer must clearly label these engines for "emergency vehicle use only" on the engines' emission control label.

BE IT FURTHER RESOLVED: Except in vehicle applications exempted per 13 CCR 1956.8(a)(6)(B), engines in this engine family certified under 13 CCR 1956.8(a)(6)(C) [30 g/hr NOx] and section 35.B.4 of the incorporated "California Exhaust Emissions Standards and Test Procedures for 2004 and Subsequent Model Heavy-Duty Diesel Engines and Vehicles" (HDDE Test Procedures) adopted December 12, 2002, as last amended September 9, 2021, shall be provided with an approved "Certified Clean Idle" label that shall be affixed to the vehicle into which the engine is installed.

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 and cancels Executive Order A-010-2457 dated January 31, 2023.

Executed on this 24th day of July 2023.

Robin U. Lang Robin U. Lang, Chief

Emissions Certification and Compliance Division

ATTACHMENT: ENGINE MODELS

Family: PFMXH06.7P4A EO Number: A-010-2457-1 Date Applicable: 7/18/23

					Peak Power			Peak Torque					
Model	Code	Trim	Config	Displacement	Power	Speed	Fueling	Torque	Speed	Fueling	ECS Num	GHG	Notes
-	-	-	-	L	hp	rpm	lb/hr	lb-ft	rpm	lb/hr	-	-	-
Super Duty	PTFHTRDM	N/A	V8	6.7	330	2200	230.11	950	1800	236.7	1	Vocational	N/A
Super Duty	PTFHTRDP	N/A	V8	6.7	330	2200	230.11	950	1800	236.7	1	Vocational	Emergency