FORD MOTOR COMPANY

EXECUTIVE ORDER A-010-1124 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODI		TEST GROUP			VEHICLE TYPE C=passenger car; LDT=light-duty truck; DV=medium-duty vehicle; LVW=loaded vehicle weight; ALVW=adjusted LVW)	CATEGOR vehicle:	EMISSION STANDA Y (LEV=low emis: rLEV= transitional LEV LEV; SULEV=super UL	sion EVAPORATIVE	FUEL TYPE (CNG/LNG=compressed/ liquefled natural gas; LPG=liquefled petroleum gas)					
200:			T05.4PF	В	MDV: 3,751-5,750 pounds ALVW		LEV	120K / 120K	Gasoline (Tier 2 Unleaded)					
No.	FAMI			No.	SPECIAL FEATURES EMISSION CONTROL SYSTE		* = not applicable	e OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbing TWC WU= warm-up cat. O2S/HO2S=oxygen sensor/heated O2S						
1	3FMX	E015	5BAF	1	2TWC(2), 2HO2S(2)	, EGR, SFI, OI	MAFS/HAFS≃air-fuel rati	o sensor/heated AFS EGR=exhaust						
2	3FMXI	MXE0155BAG				•	gas recirculation AIR/PAIR=secondary air injection/pulsed AIR MFI/SFI= multiport fuel injection/sequential MFI TBI= throttle body injection TC/SC=turbo /super charger							
3		*												
4		*		4	,		CAC=charge air cooler OBD (F) / (P)=full /partial on-board diagnostic prefix 2=parallel (2) suffix=series							
EVAF No.		ECS ENGINE No. SIZE (L)												
1	1 4.6				Ford F-150 Pickup 2WD/4WD Short Wheelbase; Ford F-150 Supercrew Pickup 2WD Short Wheelbase									
2	1 4.6			Ford F-150 Pickup 2WD/4WD Long Wheelbase										
*	,	*	٠											
*	* *		* *		*									

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) may have been met based on the manufacturer's submitted compliance plan in lieu of testing). Any debit in the manufacturer's "NMOG Fleet Average" (PC and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

	NMOG FLEET AVERAGE [g/mi]		NMOG @ RAF= * CH4 RAF = *		NMOG or	CH4=methane NMOG=non-CH4 organic gas NMHC=non-CH4 hydrocarbon CO=carbon monoxide NOx=oxides of nitrogen HCHO=formaldehyde PM=particulate matter RAF=reactivity adjustment factor 2/3 D [g/test]=2/3 day											
CER	Т	STD NMOG NMHC		NMHC	diurnal+hot-soak RL [g/mi]=running loss ORVR [g/gallon dispensed]=on-board refueling vapor recovery g=gram mg=milligram mi=mile K=1000 miles F=degrees Fahrenheit SFTP=supplemental federal test procedure												
	İ		CERT [g/mi]	CERT [g/mi]	[g/mi]	CO [g/mi]			Ox [g/mi]	x [g/mi] H		HCHO [mg/mi]		/mi]		IOx [g/mi]	
						CERT	STD	CER	T ST	[D	CERT	STD	CERT	STD	CERT	STD	
		@ 50K	0.062	*	0.160	0.7	4.4	0.1	0.	.4	1	18	*	*	0.03	0.8	
		@ UL	0.074	*	0.230	0.7	6.4	0.1	0.	.6	1	27	*	*	0.1	1.2	
	@ 50°	F & 4K	0.153	*	0.320	1.4	4.4	0.1	0.	4	2	36	•	*	*	*	
	CO [g/mi] @ 20°F & 50K		SFTP 1 = @ 4K (SULEV, ULEV, LEV) or 50K (Tier 1, TLEV) SFTP 2 = @ UL (Tier 1, TLEV)							C+NC				HC+NOx	CO [g/mi] (SC03)		
50					CERT	STD	CERT	STD	CERT	S	TD CE	RT ST			CERT	STD	
CERT	5.5	15.4	18833	SFTP 1	*	*	*	•	*		•	* *	*	•	*	•	
STD	12.5			SFTP 2	*	*	*	*	*	1	*	* *	*	*	+	•	
@ UL	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2 EVA				APORATIVE FAMILY 3			E'	EVAPORATIVE FAMILY 4				
	3-D	2-0	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-1	D R	ORV		2-D	RL	ORVR	
CERT	1.3	1.0	0.01	*	1.3	1.0	0.01	•	*	•	*	*	*	•	*	*	
STD	2.0	2.5	0.05	*	2.5	3.0	0.05	*	*	*	*	*	•	1	*	*	

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.1 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

Vehicles certified under this Executive Order shall 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 10th day of June 2002.

Allen Lyons, Chief

Mobile Source Operations Division