#### FORD MOTOR COMPANY

**EXECUTIVE ORDER A-010-1315** 

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.

MODEL YEAR	TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY	USEFU (mi	IL LIFE les)	COMF (*=N/A or A/E=s)	MEDIATE -USE PLIANCE full in-use; th. / evap. liate in-use)	FUEL TYPE	
	OFMATOR APPR	MDV: 8501-10000 Pounds	USEPA Bin 10a (OPT)	EXH / ORVR	EVAP	EXH	EVAP	Gasoline (Tier 2	
2006	6FMXT05.45PB	ALVW	Counted as ARB ULEV	120K	150K	•	E	Unleaded)	
No.	ECS & S	SPECIAL FEATURES	EVAPORATIVE FAMILY (EVAF) DISPLACEMENT						
1	2TWC, 2	HO2S(2), SFI, OBD(P)	6FMXR	0240NBM	6				
*	*			*			5.4		
*	*			*			•	J. <del></del>	
*		*		*					

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

## **BE IT FURTHER RESOLVED:**

That the exhaust and the evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50<sup>0</sup> Fahrenheit testing requirement 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 or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

#### 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], 1968.2 [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).

# BE IT FURTHER RESOLVED:

That the listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961(a)(14) and the incorporated test procedures.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

Rophael Susmount

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this \_\_\_\_\_\_/57#\_ day of April 2005.

Allen Lyons, Chief

Mobile Source Operations Division

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

# California Environmental Protection Agency AIR RESOURCES BOARD

# **ATTACHMENT**

# EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

NMOG AVERAG			@ RAF=* AF = *	CH4=methane; NMOG=non-CH4 organic gas; NMHC=non-CH4 hydrocart NMOG or HCH0=formaldehyde; PM=particulate matter; RAF=reactivity adjustment f							on; CO=carbon monoxide; NOx=oxides of nitrogen; ctor: 2/3 D Ig/test)=2/3 day diurnal+					
CERT	STD	NMOG	NMHC	NMHC	hot-soak; RL [g/mi]=running loss; ORVR [g/gallon dispensed]=on-board refueling vapor recovery; g=gram; mg=milligram ml=mile; K=1000 miles; F=degrees Fahrenheit; SFTP=supplemental federal test procedure									gram		
	•	CERT	ERI CERI [m/m²1	CO [g/mi]		NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]		Hwy NOx [g/mi]				
		[g/mi]	[g/mi]	15	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD		
100	@ 50K	0.070	*	0.195	2.6	4.4	0.1	0.4	*	18.	*	*	0.06	0.53		
	@ UL	0.085	*	0.280	3.6	6.4	0.1	0.6	*	27.	*	*	0.14	0.80		
<b>2 4</b> 0	50°F & 4K		*	*	*	•	*	*	•	*	*	*	*	*		

CO [g/mi]				Ox [g/mi] posite)		g/mi] oosite)	NMHC [g/mi]	:+NOx [US06]	] OO		NMHC [g/mi]		00 [ 08]	
@ 20	0°F & 50K	and the second second	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
CERT	*	SFTP @ * miles	*	*	*	*	*	*	*		*	*	*	•
STD	*	SFTP @ * miles	•	*	*	*	*	*	*	*	*	•	*	*

Evaporative Family		al + Hot Soak est) @ UL		ıal + Hot Soak est) @ UL	Runnin (grams/m		On-Board Refueling Vapor Recovery (grams/gallon) @ UL		
	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
6FMXR0240NBM	0.36	0.90	0.33	1.15	0.0003	0.05	0.07	0.20	
*	*	*	*	*	*	*	*	*	
•	*	*	*	*	*	*	*	*	
*	*	*	*	*	*	•	*	*	

\* = not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air- fuel ratio sensor / heated AFS; EGR=exhaust gas recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LNG= compressed/liquefled natural gas; LPG=liquefled petroleum gas; E85=\*85%\* Ethanol Fuel

# 2006 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY ECS NO.		ENGINE SIZE (L)	IN-I COMPI (*=N/A or A/E≑exi	NEDIATE  JSE LIANCE full in-use; n. / evap. ate in-use)  EVAP	PHASE-IN STD.	OBD II	
					EXH	EVAP			
LINCOLN	NAVIGATOR 2WD LIMOUSINE	6FMXR0240NBM	1	5.4	*	E	*	Partial	