#### FORD MOTOR COMPANY

**EXECUTIVE ORDER A-010-1435** 

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	USEFL (mi	JL LIFE les)	COMF (*=N/A or A/E=e)	MEDIATE -USE PLIANCE r full in-use; (h. / evap.	FUEL TYPE	
2008	8FMXK05.48RG	MDV: 8501-10000# GVW	"LEV II" Ultra Low Emission Vehicle (LEV II	EXH / ORVR	EVAP	ЕХН	EVAP	Gasoline (Tier 2	
			ULEV)	120K 150K		*	*	Unleaded)	
No.	ECS & S	SPECIAL FEATURES	EVAPORATIVE	FAMILY (EV)	AE)	Ed .	51051.40		
1	2TWC, 2	102S(2), SFI, OBD(F)	8FMXE02			DISPLAC	EMENT (L)		
*		•	NY .						
•		*	8FMXR0	COUNDS		5.4			
•		*							
See the A		*	9000000 0000000 00000000 0000000000000		·				

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° 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 at the request of the manufacturer, the models in this test group with a GVWR over 8,500 pounds are certified to, and shall be required to comply with, the vehicle refueling emission standards applicable pursuant to 13 CCR Section 1978.

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

day of December 2006.

Apriette Hebert, Chief

Mobile Source Operations Division



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

## **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.)

AVERA	G FLEET AGE [g/mi]	NMOG CH4 F	@ RAF=* RAF = *	NMOG or	CH4=met	hane; <b>NMO</b> ( rmaldehyde; RL [g/mi]=ru	=non-CH4 PM=partic	organic gas	: NMHC=	non-CH4 hy	drocarbon;	CO=carbor	monoxide:	NOx=oxides	of nitrogen
CERT STD		NMOG NMHC CERT CERT [g/mi] [g/mi]		I NMHC I	hot-soak; mi=mile; l	RL [g/mi]=r. K=1000 mile [g/mi]	inning loss; s; <b>F=</b> degree	ORVR [g/g: s Fahrenhe	allon dispe eit; SFTP=	ensed]=on-b supplement	oard refuel al federal t	ル, 273 U [g/(	iesti=2/J day	diumal+  ram; mg=mill	igram
						135.101	NC	x faluni		ICHO [mg	/mi]	PM [c		Hury M	Ox [g/mi]
	@ 50K	-	<del></del>	·	CERT	STD	CERT	ST	CI	ERT :	STD	CERT	STD	CERT	
A			<b></b>	*	*		•	*		*				CERI	STD
	@ nr	0.050	*	0.143	2.7	6.4	0.2	0.2		<del>_</del>					
	@ 50°F & 4K	0.220	*	0.286	2.2		<del></del> -	<del></del> -	—∔—		16.	*	0.06	0.1	0.4
		Editoria				6.4	0.1	0.2	!	*	32.	*	*	*	<b>-</b>
	[g/mi] F & 50K			NMHC+NC (compo	Ox [g/mi] osite)	CO [(		NMHC [g/mi]			[g/mi] S06]		C+NOx [SC03]	CO	[g/mi] [03]
ERT			A Service Control	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
		SFTP (	@ * miles	· T	*	*	* -			<del>  </del>	<b>├</b>				1
STD	• 🗆	SFTP (	@ * miles	+		<del></del>					•	1 *	*	*	
		37. 11. (	eses					*	*	*	-	•		*	*
Evs	morative Eas		3-Days Di	urnal + Hot	Soak :	2-Days Dic	rnal + Ho	Soak	F	Ruppina L	085	1	Dr. Dr. and I	D-# 17 N	

Evaporative Family	3-Days Diurnal + Hot Soak (grams/test) @ UL		2-Days Diurnal + Hot Soak (grams/test) @ UL		Running Loss (grams/mile) @ UL		On-Board Refueling Vapor Recovery (grams/gallon) @ U		
	CERT	STD	CERT	STD	CERT	STD			
8FMXE0250NBS	0.52	1.00	0.40	1.25	0.00		CERT	STD	
8FMXR0250NBS	0.52	1.00	0.40	1.25		0.05	*	<u> </u>	
<u> </u>	*	*	*	1.23	0.00	0.05	0.04	0.20	
	*	*	*				*	*	
t applicable; UL≂useful life;					*	*	*	•	

\* = 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 catalyst; pass 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/liquefied natural gas; LPG=liquefied petroleum gas; E85="85%" Ethanol Fuel

# 2008 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY	ECS NO.	ENGINE SIZE (L)	INTERMEDIATE IN-USE COMPLIANCE (*=N/A or full in-use; A/E=exh. / evap. Intermediate in-use)		PHASE-IN STD.	OBDII
					EXH	EVAP	]	
	F-250 2WD BED DELETE	8FMXE0250NBS	1	5.4	4		*	Full
FORD	F-250 4WD BED DELETE	8FMXE0250NBS	1	5.4	•	<b>-</b>	+	Full
FORD	F-350 2WD BED DELETE	8FMXE0250NBS	1	5.4	*	<del></del>		
FORD	F-350 4WD BED DELETE	8FMXE0250NBS	1	5.4		<u> </u>		Full
FORD	F-250 PICKUP 2WD	<del></del>		3.4				Full
	1 -250 FICKUP 2WD	8FMXR0250NBS	1	5.4	*	*	•	Full
FORD	F-250 PICKUP 4WD	8FMXR0250NBS	1	5.4	*	*	*	Full
FORD	F-350 2WD	8FMXR0250NBS	1	5,4		-		
FORD	F-350 4WD						*	Full
	F-350 444D	8FMXR0250NBS	1	5.4	*	*	*	Full