

## FORD MOTOR COMPANY

EXECUTIVE ORDER A-010-1652
New Passenger Cars, Light-Duty Trucks
and Medium-Duty Vehicles
Page 1 of 2

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.

MODE YEAR		ST GRO	UP	VEHICLE TYPE (PC=passenger car; LDT=light-du MDV=medium-duty vehicle; LVW vehicle weight; GVW=gross	ty truck; (LEV	EXHAUST EMISSION TANDARD CATEGORY '=low emission vehicle; TLEV= sitional LEV; ULEV=ultra LEV; SULEV=super ULEV)	EXHAUST & ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)				
2012	CFI	VIXD06.7	61A	MDV: 8501-10000# GV	w	LEVII ULEV	120K /*	Diesel				
No.	EVAPORATIVE FAMILY (EVAF)		No	SPECIAL FEAT EMISSION CONTROL	TURES & SYSTEMS (ECS	* = not applicable	OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbing WU= warm-up cat. O2S/HO2S=oxygen sensor/heated AFS/HAFS=air-fuel ratio sensor/heated AFS EGR=ext					
1	*		1	OC, PTOX, SCR-I	U, EGR-C, TC, C	gas recirculation AIR/PAIR=secondary air injection/pulse AIR MFI/SFI= multiport fuel injection/sequential MFI						
2	*	*			*		TBI= throttle body injection TC/SC=turbo /super charger CAC=charge air cooler EGR-C= cool exhaust gas recirculation SCR-U=Urea selective catalytic reduction OBD (F) / (P)=full /partial on-board diagnostic prefix 2=parallel (2) suffix=series					
3	*		3		*							
4	*	*			*							
EVAF No.	ECS No.	ENG		VEHICLE MAKES & MODELS	STANDARD	SUBJECT TO SFTP S ARE UNDERLINED		ro dallo Diokup Diocol:				
*	1	6		FORD: F250 2WD Box Delet F350 2WD Box Delet	FORD: F250 2WD Box Delete Diesel; F250 4WD Box Delete Diesel; F250 2WD Pickup Diesel; F250 4WD Pickup Diesel; F350 2WD Box Delete Diesel; F350 2WD Box Delete Diesel; F350 4WD Pickup Diesel							
*	*	• •										

The exhaust and evaporative emission standards (STD), as requested by the manufacturer, 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.)

TD	* *	*	*	*	*	*	*	*	*	*	*				
ERT	* *	*	*	*	*	*	*	*			*		*	*	*
UL	3-D 2-D	RL	ORVR	3-D	2-D		ORVR	3-D	2-D	RL *	ORVR *	3-D *	*	*	*
	EVAPORAT	VAPORATIVE FAMILY 1			EVAPORATIVE FAMILY 2			EVAPORATIVE FAMIL		ORVR	3-D	2-D	RL	ORVR	
STD *							(0)	EVAE		E FAMIL	Y 3	EVAPORAT		TIVE FAMILY 4	
		SFTP @ UL	*	*	*	*	*	*	*	*	*	*	*	*	
ERT *		SF	TP @ 4K	*	*	*	*	*	*			-			+
50K	SFTP 2 = (	SFTP 1 = @ 4K (SULEV, ULEV, LEV) or 50K (Tier 1, TLEV) SFTP 2 = @ UL (Tier 1, TLEV)		CERT	STD	CERT	STD	CERT	*	VERT	*	*	*	*	*
CO [g/m @ 20°F 8	LEV)			(composite)		(comp		[g/mi] [	US06] STD	CERT	S06]	CERT	STD	CERT	STD
<b>经验验</b>			NMHC+N	Ox [g/mi] CO [g/mi]						[g/mi]	NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]		
	@ 50°F & 4K	*	*	*	*	*	*	*	*					- 00	For Inn 17
	@ UL	*	0.078	0.143	0.7	6.4	0.2	0.2	4		16	*	*	*	*
	@ 50K	*	*	•	*		-				10	0.01	0.06	0.1	0.4
*		[g/mi]	[g/mi]	STD [g/mi]	CERT	STD	CERT	STD	CEI		*	*	*	*	*
OLIVI	+ +	CERT CI	CERT		CO	g/mi]	mi] NO		CEF	HO [mg/r		PM [g/	STD	Hwy NO:	STD
1.0		NMOG NMHC		NMHC	mg=milligr	am mi=n	nile K=10	000 miles	r=aegre	ees ramer	men or	II -auppi	Cilionical ro		
NMOG FLEET NMOG @ RAF= AVERAGE [g/mi] CH4 RAF = *			AF = *	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 introgen HCHO=formaldehyde PM=particulate matter RAF=reactivity adjustment factor 2/3 D [g/test]=2/3 day introgen HCHO=formaldehyde PM=particulate matter RAF=reactivity adjustment factor 2/3 D [g/test]=2/3 D [g/										
111100	FIFET	NIBAOC 6	DAF= *		CH4=meth	ane NIVIOG	-11011-0114	organic gas	14141110	DAF-		adiustman	t factor	2/3 D la/test	1=2/3 day

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: The listed vehicle models are conditionally certified in accordance with 13 CCR Section 1968.2(k) (deficiency and fines provisions for certification of malfunction and diagnostic system) because the on-board diagnostic II (OBD) system of the listed vehicle models has been determined to have eight deficiencies. The listed vehicle models are approved subject to the manufacturer paying a fine of \$175 per vehicle for the fourth through eighth deficiencies in the listed test group that is produced and delivered for sale in California. On a quarterly basis, the manufacturer shall submit to the Air Resources Board reports of the number of vehicles produced and delivered for sale in California and pay the full fine owed for that quarter pursuant to this conditional certification. Payment shall be made payable to the State Treasurer for deposit in the Air Pollution Control Fund no later than thirty (30) days after the end of each calendar quarter during the 2012 model-year production period. Failure to pay the quarterly fine, in full, in the time provided, may be cause for the Executive Officer to rescind this conditional certification, effective from the start of the quarter in question, in which case all vehicles covered under this conditional certification for that quarter and all future quarters would be deemed uncertified and subject to a civil penalty of up to \$5000 per vehicle pursuant to HSC Section 43154.



## FORD MOTOR COMPANY

EXECUTIVE ORDER A-010-1652

New Passenger Cars, Light-Duty Trucks
and Medium-Duty Vehicles
Page 2 of 2

BE IT FURTHER RESOLVED: The test group listed in this Executive Order is certified conditionally on the manufacturer providing data to demonstrate compliance with California's greenhouse gas fleet average emission standard (CA GHG Standard) specified in Title 13, California Code of Regulations, (13 CCR) Section 1961.1 and the incorporated California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles, amended March 29, 2010 (CA Test Procedures). The manufacturer has elected, under 13 CCR Section 1961.1(a)(1)(A)(ii) and under Section E.2.5.1(ii) of the CA Test Procedures, to demonstrate compliance with the CA GHG Standard by demonstrating compliance with the National greenhouse gas program (National GHG Program). Therefore, the test group listed in this Executive Order is certified conditionally further on the manufacturer complying with the requirements specified in said provisions in 13 CCR, and Sections E.2.5.1(ii) and H.4.5(b) and H.4.5(c) of the CA Test Procedures (among other things, concerning data and information submission, timing, and format as specified by the Executive Officer). Failure to comply with the National GHG Program under said provisions in 13 CCR and CA Test Procedures may be cause for the Executive Officer to revoke the Executive Order. Vehicles in the revoked Executive Order shall be deemed uncertified and subject to penalties authorized under California law. Notwithstanding the requirement herein, a manufacturer that becomes, after MY2009, a large-volume manufacturer, as defined in 13 CCR Section 1900, is not required to comply with notwithstanding the requirement herein, a small-volume manufacturer, independent low-volume manufacturer. Additionally, volume-manufacturer, as defined in 13 CCR Section 1900, is not required to comply with CA GHG Standard during model-years (MY) 2012 through 2015.

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 July 2011

Annette Hebert, Chief

Mobile Source Operations Division